S6270-1A

Ohio Labor Market Information

Labor Market Review

February 1991

Summary. The seasonally adjusted unemployment rate in Ohio reached its highest level since March 1988, rising from 5.9 percent in January to 7.0 percent in February 1991. The U.S. rate increased from 6.2 percent to 6.5 percent over the month. Total employment in Ohio declined 58,000 from January to 5,007,000 in February. There were 377,000 unemployed Ohioans in February, up 59,000 from January. Total nonagricultural wage and salary employment (seasonally adjusted), at 4,913,000 in February, was virtually unchanged from January. (See page 3.)

Goods-Producing Industries. Employment in goods-producing industries dropped 8,000 from January to 1,304,000 in February. Manufacturing employment totaled 1,084,000 in February, down 11,000 from January. Most of the loss occurred in durable-goods industries, especially primary metal industries and fabricated metal products. Smaller declines were noted in industrial machinery and equipment, rubber and miscellaneous plastics products, and transportation equipment. Scattered gains advanced construction employment 3,000 to 203,000. Employment in mining was unchanged at 17,000.

Service-Producing Industries. There were 3,610,000 people employed in service-producing industries in February, up 7,000 from January. Most of the gain was in services which rose 4,000. Government was up 2,000; retail trade and finance, insurance, and real estate each added 1,000 jobs. Employment in wholesale trade was on par with January, but transportation and public utilities slipped 1,000.

Over the Year. Ohio's unemployment rate increased from 5.8 percent in February 1990 to 7.0 percent in February 1991. The national rate rose from 5.3 percent to 6.5 percent during the same period. Total employment in Ohio was down 66,000 from February 1990, while total unemployment was 64,000 higher. Nonfarm payroll employment increased 39,000 over the year. Services added 49,000 jobs and government increased 11,000. All other service-producing industries had small gains over the year. Manufacturing employment was down 31,000 from February 1990. Employment in most durable-goods industries was substantially lower than in February 1990. The hardest hit were transportation equipment (-12,000), fabricated metal products (-6,000), and industrial machinery and equipment (-5,000). Mining and construction employment declined fractionally over the year.

Factory Hours and Earnings. Production workers in manufacturing industries in Ohio had average weekly earnings of $529.51 in February, down $10.19 from January. Their average workweek of 41.4 hours was 0.6 hours shorter. Most manufacturing industries had lower earnings due to less overtime. The most significant were motor vehicles and equipment, blast furnace and basic steel products, and iron and steel foundries.

Ohio Bureau of Employment Services
George V. Voinovich, Governor James Conrad, Administrator

Benefits and Costs. There were 102,746 initial claims filed under the Ohio Unemployment Compensation Law in February, down 34.2 percent from January, but up 39.0 percent from February 1990. Total benefits paid rose 1.9 percent to $115.7 million. The average weekly benefit check of $180.63 was $1.61 higher than in January. The average weekly number of benefit recipients, at 158,338, increased 17.2 percent. At the end of February, there were 208,355 active employer accounts.

Employment Service. The Ohio Bureau of Employment Services assisted 28,223 new job applicants in February, down 14.1 percent from January, and down 12.7 percent from February 1990. The Employment Services Division made 14,041 job referrals in February, down 17.1 percent over the month. There were 2,432 total placements made, virtually unchanged from January.

Collection Method Alternatives
For the *Report on Employment, Payroll, and Hours*

Service-sector employers of one hundred or more workers will soon be given the opportunity to report their monthly data by telephone at a convenient, prearranged time. Interviewers will telephone employers once each month to collect data, doing away with the familiar but less efficient mailed shuttle schedule.

If you are a large employer in services, information on this pilot project will be reaching your mailbox in the near future.

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Civilian Labor Force and Nonagricultural Wage and Salary Employment Estimates for Ohio[a]

Seasonally Adjusted

	Employment (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	Feb. 1991	Jan. 1991	Feb. 1990	From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data[d]							
Civilian Labor Force	5,384	5,383	5,386	1	-2	.0	.0
Employment	5,007	5,065	5,073	-58	-66	-1.1	-1.3
Unemployment	377	318	313	59	64	18.6	20.4
Unemployment Rate	7.0	5.9	5.8				
Employer Survey Data[e]							
Total	4,913	4,914	4,874	0	39	.0	.8
Goods–Producing Industries	1,304	1,312	1,337	-8	-33	-.6	-2.5
Mining	17	17	18	0	-1	.3	-2.8
Coal Mining	7	7	7	0	0	-1.1	-3.8
Oil and Gas Extraction	6	6	6	0	0	-.8	-2.5
Construction	203	200	205	3	-2	1.6	-1.0
General Building Contractors	49	48	50	1	-1	1.9	-1.5
Heavy Construction, Except Building	25	24	24	1	0	3.2	1.9
Special Trade Contractors	129	127	131	2	-2	1.2	-1.3
Manufacturing	1,084	1,095	1,115	-11	-31	-1.0	-2.8
Durable Goods	715	723	749	-8	-33	-1.1	-4.5
Lumber and Wood Products	21	21	22	0	0	-1.7	-2.0
Furniture and Fixtures	15	15	15	0	0	.8	2.2
Stone, Clay, and Glass Products	44	44	46	0	-2	.4	-4.3
Primary Metal Industries	97	100	100	-3	-3	-2.9	-2.8
Fabricated Metal Products	125	128	131	-3	-6	-2.0	-4.8
Industrial Machinery and Equipment	162	164	167	-2	-5	-.9	-2.9
Electronic and Other Electric Equipment	76	76	80	0	-4	.1	-5.1
Transportation Equipment	133	134	145	-1	-12	-.7	-8.2
Instruments and Related Products	26	26	27	0	-1	.8	-2.8
Nondurable Goods	368	372	366	-3	3	-.8	.7
Food and Kindred Products	64	64	61	0	3	-.1	4.1
Apparel and Other Textile Products	14	15	15	0	0	-2.5	-3.1
Paper and Allied Products	38	38	37	0	1	-.3	2.2
Printing and Publishing	76	76	74	0	2	-.2	2.2
Chemicals and Allied Products	67	67	66	0	1	.1	1.7
Rubber and Misc. Plastics Products	90	92	93	-2	-3	-2.5	-3.4
Service–Producing Industries	3,610	3,602	3,537	7	73	.2	2.1
Transportation and Public Utilities	222	223	220	-1	2	-.3	1.0
Transportation	130	130	127	0	2	-.3	1.9
Communications, Electric, Gas Services	92	93	93	0	0	-.2	-.1

See footnotes on page 4.

Civilian Labor Force and Nonagricultural Wage and Salary Employment Estimates for Ohio[a]

Seasonally Adjusted

	Employment (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	Feb. 1991	Jan. 1991	Feb. 1990	From Last Month	From Last Year	From Last Month	From Last Year
Wholesale Trade	264	265	260	0	4	-.1	1.6
Wholesale Trade-Durable Goods	165	165	163	0	2	-.1	1.0
Wholesale Trade-Nondurable Goods	100	100	97	0	3	.0	2.7
Retail Trade	914	913	911	1	3	.1	.3
Building Materials and Garden Supplies	35	35	34	0	1	.8	2.1
General Merchandise Stores	122	124	126	-2	-3	-1.3	-2.7
Food Stores	141	141	140	0	1	-.1	.5
Automotive Dealers and Service Stations	98	98	99	0	-1	.1	-.9
Apparel and Accessory Stores	49	49	50	0	0	-.1	-.9
Furniture and Homefurnishings Stores	31	31	31	0	0	-.2	.8
Eating and Drinking Places	318	316	315	2	3	.6	1.0
Miscellaneous Retail	119	119	116	0	3	.1	2.6
Finance, Insurance, and Real Estate	257	256	254	1	3	.3	1.2
Finance	121	121	121	0	1	.1	.5
Depository Institutions	90	90	90	0	0	-.1	-.3
Insurance	91	91	90	0	1	.2	1.1
Real Estate	45	44	43	0	1	.9	3.4
Services	1,224	1,219	1,174	4	49	.4	4.2
Hotels and Other Lodging Places	41	41	40	0	1	.6	2.7
Personal Services	56	55	55	0	1	.7	1.1
Business Services	224	223	208	1	16	.6	7.7
Amusements, Including Motion Pictures	64	64	61	0	3	-.1	4.7
Health Services	405	404	392	1	13	.2	3.3
Legal Services	30	30	29	0	1	.4	3.5
Educational Services	64	65	62	-1	2	-1.3	2.5
Social Services	82	82	78	0	4	.5	5.3
Membership Organizations	79	79	78	0	1	.1	.9
Engineering and Management Services	94	93	90	0	4	.5	4.1
Government	729	726	718	2	11	.3	1.5
Federal Government	95	95	97	0	-2	.3	-2.3
State Government	165	163	163	2	2	1.3	1.4
State Government Education	87	85	85	2	1	1.8	1.6
Local Government	469	469	459	0	11	.0	2.3
Local Government Education	272	272	265	0	7	.1	2.6

[a]Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. [b]Changes are computed from unrounded numbers. [c]Percentages are computed from unrounded numbers. [d]From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence, provided by the U.S. Bureau of Labor Statistics. [e]From the Current Employment Statistics Survey, a monthly survey of approximately 12,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work.

Seasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(In Thousands)

Civilian Labor Force			Unemployment Rates		
Total	Employed	Unemployed	Ohio	U.S.	
					1989
5,396	5,118	278	5.2	5.2	February
5,409	5,117	292	5.4	5.1	March
5,375	5,095	280	5.2	5.2	April
5,410	5,121	289	5.3	5.2	May
5,447	5,138	309	5.7	5.4	June
5,428	5,130	298	5.5	5.3	July
5,428	5,144	284	5.2	5.2	August
5,435	5,140	295	5.4	5.3	September
5,452	5,132	320	5.9	5.3	October
5,420	5,087	333	6.1	5.3	November
5,426	5,102	324	6.0	5.3	December
					1990
5,418	5,074	344	6.3	5.3	January
5,386	5,073	313	5.8	5.3	February
5,408	5,107	301	5.6	5.3	March
5,421	5,106	315	5.8	5.4	April
5,429	5,112	317	5.8	5.3	May
5,421	5,129	292	5.4	5.3	June
5,420	5,115	305	5.6	5.5	July
5,447	5,159	288	5.3	5.6	August
5,447	5,156	291	5.3	5.7	September
5,463	5,148	315	5.8	5.7	October
5,452	5,156	296	5.4	5.9	November
5,488	5,179	309	5.6	6.1	December
					1991
5,383	5,065	318	5.9	6.2	January
5,384	5,007	377	7.0	6.5	February

Ohio Nonagricultural Wage and Salary Employment

(In Thousands)

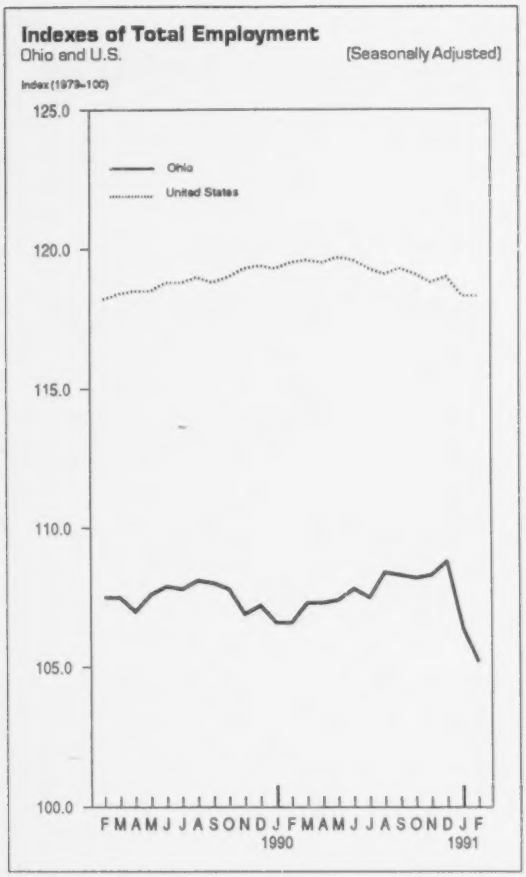
Nonagricultural Employment					
	Goods–Producing Employment				
Total	Total	Mining	Construction	Manufacturing	
					1989
4,796	1,340	18	194	1,128	February
4,817	1,342	18	194	1,130	March
4,792	1,336	18	193	1,125	April
4,797	1,333	18	190	1,125	May
4,814	1,337	18	192	1,127	June
4,818	1,331	16	194	1,120	July
4,835	1,338	18	196	1,124	August
4,837	1,334	18	196	1,120	September
4,830	1,323	18	193	1,112	October
4,844	1,331	18	196	1,118	November
4,849	1,326	18	195	1,114	December
					1990
4,835	1,310	18	199	1,094	January
4,874	1,337	18	205	1,115	February
4,892	1,339	18	205	1,116	March
4,874	1,333	18	200	1,115	April
4,893	1,333	18	197	1,118	May
4,905	1,336	18	197	1,121	June
4,906	1,329	18	196	1,115	July
4,916	1,332	18	197	1,117	August
4,914	1,329	17	197	1,114	September
4,922	1,330	17	196	1,117	October
4,913	1,317	17	198	1,102	November
4,909	1,312	17	197	1,097	December
					1991
4,914	1,312	17	200	1,095	January
4,913	1,304	17	203	1,084	February

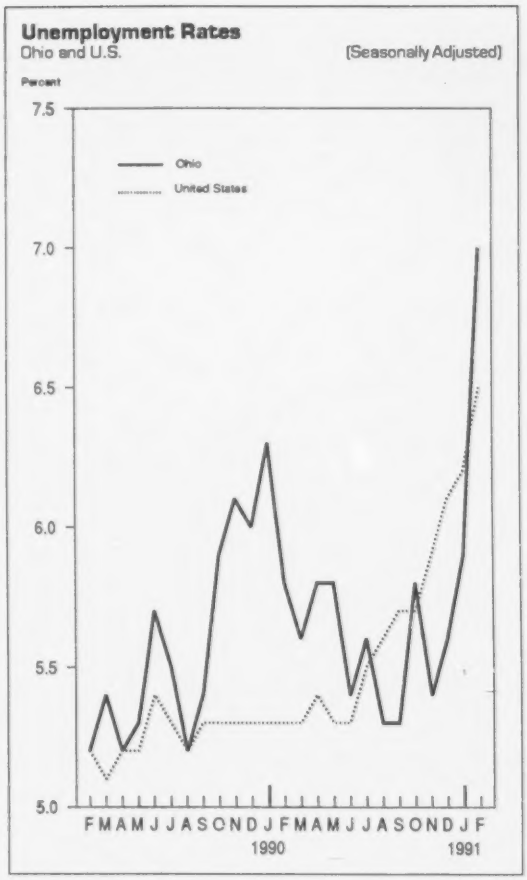
Service–Producing Employment

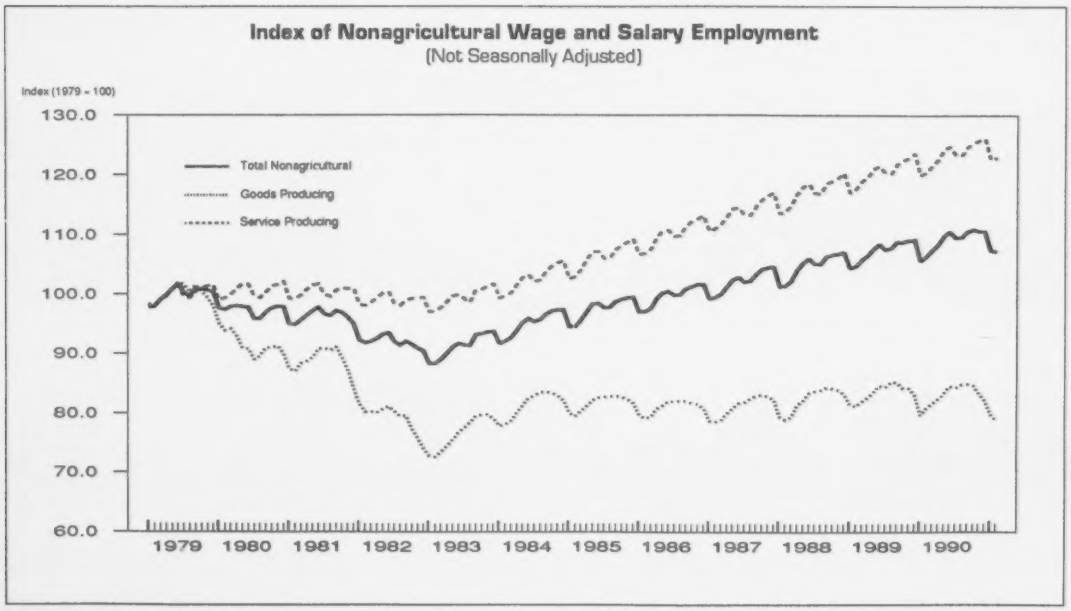
(In Thousands)

Total	Transportation & Public Utilities		Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate		Services	Government
		1989				1989		
3,456	215	February	261	897	251	February	1,130	701
3,475	215	March	262	905	252	March	1,137	703
3,455	215	April	260	895	251	April	1,132	702
3,464	215	May	261	895	251	May	1,135	706
3,477	216	June	261	899	252	June	1,141	708
3,487	216	July	262	901	252	July	1,149	707
3,497	217	August	262	902	253	August	1,156	707
3,504	218	September	261	903	254	September	1,161	708
3,507	217	October	260	902	254	October	1,164	711
3,513	218	November	260	905	254	November	1,166	710
3,523	219	December	260	909	254	December	1,169	712
		1990				1990		
3,525	220	January	260	909	253	January	1,170	713
3,537	220	February	260	911	254	February	1,174	718
3,552	221	March	261	914	255	March	1,181	720
3,541	219	April	262	906	254	April	1,179	721
3,560	220	May	262	907	254	May	1,185	731
3,570	219	June	263	911	255	June	1,194	727
3,577	219	July	264	911	255	July	1,199	728
3,584	219	August	264	913	255	August	1,206	726
3,585	220	September	264	912	255	September	1,209	725
3,592	220	October	264	911	256	October	1,214	727
3,596	220	November	264	912	256	November	1,216	728
3,597	221	December	265	912	256	December	1,220	725
		1991				1991		
3,602	223	January	265	913	256	January	1,219	726
3,610	222	February	264	914	257	February	1,224	729

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel.


Indexes of Total Employment
Ohio and U.S.
(Seasonally Adjusted)
Index (1979=100)
125.0
120.0
115.0
110.0
105.0
100.0
Ohio
United States
F M A M J J A S O N D J F M A M J J A S O N D J F
1990
1991


Unemployment Rates
Ohio and U.S.
(Seasonally Adjusted)
Percent
7.5
7.0
6.5
6.0
5.5
5.0
Ohio
United States
F M A M J J A S O N D J F M A M J J A S O N D J F
1990
1991


Index of Nonagricultural Wage and Salary Employment
(Not Seasonally Adjusted)
Index (1979 = 100)
130.0
120.0
110.0
100.0
90.0
80.0
70.0
60.0
Total Nonagricultural
Goods Producing
Service Producing
1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990

Nonseasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rates		
Total	Employed	Unemployed	Ohio	U.S.	
5,089	4,663	426	8.4	7.1	1980
5,100	4,608	492	9.6	7.6	1981
5,114	4,474	640	12.5	9.7	1982
5,099	4,478	621	12.2	9.6	1983
5,089	4,609	480	9.4	7.5	1984
5,135	4,680	455	8.9	7.2	1985
5,232	4,806	425	8.1	7.0	1986
5,253	4,886	367	7.0	6.2	1987
5,322	5,002	320	6.0	5.5	1988
5,419	5,118	300	5.5	5.3	1989
5,433	5,126	307	5.7	5.5	1990
					1990
5,344	4,998	346	6.5	5.8	February
5,353	5,035	318	5.9	5.4	March
5,373	5,071	302	5.6	5.2	April
5,409	5,104	305	5.6	5.1	May
5,481	5,179	302	5.5	5.3	June
5,472	5,194	278	5.1	5.5	July
5,504	5,245	258	4.7	5.4	August
5,436	5,177	259	4.8	5.5	September
5,493	5,187	306	5.6	5.4	October
5,463	5,176	287	5.3	5.8	November
5,484	5,169	315	5.7	5.9	December
					1991
5,357	4,968	389	7.3	7.0	January
5,341	4,932	409	7.7	7.2	February

Ohio Nonagricultural Wage and Salary Employment

(in thousands)

Nonagricultural Employment					
	Goods–Producing Employment				
Total	Total	Mining	Construction	Manufacturing	
4,367.4	1,462.5	30.7	167.4	1,264.3	1980
4,317.7	1,417.0	30.7	153.7	1,232.6	1981
4,124.3	1,264.8	30.3	134.6	1,099.9	1982
4,092.5	1,223.4	26.6	130.8	1,066.0	1983
4,260.2	1,299.7	27.8	144.8	1,127.0	1984
4,372.9	1,304.3	26.1	154.0	1,124.2	1985
4,471.4	1,293.1	22.6	160.7	1,109.8	1986
4,582.6	1,296.2	20.9	176.4	1,098.9	1987
4,700.6	1,315.1	18.9	185.6	1,110.6	1988
4,817.4	1,334.1	17.9	193.6	1,122.6	1989
4,895.8	1,327.8	17.6	198.5	1,111.7	1990
					1990
4,770.5	1,292.8	17.0	170.7	1,105.1	February
4,819.8	1,305.5	17.2	178.6	1,109.7	March
4,859.9	1,317.5	17.4	188.4	1,111.7	April
4,925.3	1,334.0	17.6	199.1	1,117.2	May
4,956.0	1,352.0	17.9	207.4	1,126.7	June
4,912.3	1,347.3	18.0	214.5	1,114.8	July
4,916.5	1,356.3	18.0	217.8	1,120.5	August
4,958.1	1,357.5	17.9	216.4	1,123.2	September
4,974.2	1,352.7	17.8	213.6	1,121.3	October
4,962.8	1,331.3	17.6	207.6	1,106.1	November
4,955.9	1,313.0	17.4	195.7	1,099.9	December
					1991
4,814.5	1,274.5	16.7	172.2	1,085.6	January
4,808.5	1,259.7	16.5	169.0	1,074.3	February

Service-Producing Employment

(in thousands)

Total	Transportation & Public Utilities		Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate		Services	Government
2,904.9	223.1	1980	231.7	725.5	203.8	1980	830.9	689.9
2,900.7	217.2	1981	233.6	716.5	205.8	1981	851.6	676.0
2,859.5	206.8	1982	227.1	702.3	206.4	1982	857.3	659.6
2,869.2	198.5	1983	223.6	709.9	207.8	1983	873.3	656.1
2,960.5	203.9	1984	237.9	746.8	211.5	1984	905.2	655.2
3,068.5	202.7	1985	245.1	786.5	219.3	1985	949.5	665.2
3,178.4	203.4	1986	245.7	817.1	232.3	1986	1,001.0	678.9
3,286.4	207.8	1987	249.4	846.9	243.8	1987	1,051.2	687.3
3,385.5	212.1	1988	256.4	877.4	249.0	1988	1,096.8	693.8
3,483.4	216.4	1989	261.0	900.1	252.4	1989	1,147.1	706.4
3,568.0	219.7	1990	262.8	910.8	254.9	1990	1,195.6	724.2
		1990				1990		
3,477.7	214.5	February	257.5	878.0	251.1	February	1,146.7	730.0
3,514.3	216.1	March	259.2	886.9	252.3	March	1,161.5	738.3
3,542.4	217.1	April	260.9	896.7	252.6	April	1,178.9	736.1
3,591.3	219.6	May	262.5	910.4	254.2	May	1,194.3	750.3
3,604.0	221.1	June	264.6	920.0	257.3	June	1,214.9	726.1
3,565.0	221.3	July	265.6	917.8	258.5	July	1,217.6	684.2
3,560.3	221.4	August	265.2	922.2	258.4	August	1,220.4	672.5
3,600.6	222.6	September	264.4	919.6	256.4	September	1,227.2	710.4
3,621.5	222.4	October	265.1	917.8	255.7	October	1,222.0	738.5
3,631.6	222.1	November	265.2	928.9	255.4	November	1,214.9	745.0
3,642.8	223.4	December	265.9	941.7	255.8	December	1,212.6	743.4
		1991				1991		
3,540.0	217.5	January	262.1	893.0	253.7	January	1,184.3	729.3
3,548.8	216.7	February	261.7	880.9	254.1	February	1,194.5	740.9

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel.

Manufacturing Employment, Hours, and Earnings[a]

Not Seasonally Adjusted

Manufacturing Employment				Production Workers in Manufacturing		
Total (thousands)	Durable Goods (thousands)	Nondurable Goods (thousands)		Production Workers (thousands)	Aggregate Weekly Payroll (millions)	Aggregate Weekly Hours (millions)
1,264.3	880.3	384.1	1980	867.8	$301.9	35.2
1,232.6	858.2	374.4	1981	847.7	330.4	34.7
1,099.9	750.5	349.4	1982	735.7	297.1	29.5
1,066.0	721.9	344.1	1983	721.6	315.5	29.9
1,127.0	771.7	355.4	1984	781.5	362.3	33.1
1,124.2	767.0	357.3	1985	773.4	369.7	32.5
1,109.8	751.0	358.8	1986	758.5	369.1	31.9
1,098.9	738.9	360.0	1987	751.4	375.5	32.0
1,110.6	747.3	363.4	1988	762.3	393.0	32.8
1,122.6	754.7	367.9	1989	770.4	403.3	32.9
1,111.7	743.3	368.5	1990	757.3	405.9	32.1
			1990			
1,105.1	743.5	361.6	February	755.0	391.6	31.6
1,109.7	746.4	363.3	March	758.3	401.3	32.1
1,111.7	748.1	363.6	April	760.7	393.3	31.6
1,117.2	750.7	366.4	May	763.9	414.2	32.7
1,126.7	756.0	370.7	June	770.6	422.2	33.1
1,114.8	745.0	369.9	July	757.4	403.0	32.0
1,120.5	748.4	372.2	August	763.2	409.7	32.4
1,123.2	748.0	375.2	September	766.3	426.7	33.1
1,121.3	746.9	374.4	October	765.0	418.7	32.6
1,106.1	734.4	371.7	November	749.8	410.8	32.0
1,099.9	729.8	370.1	December	743.7	403.9	31.5
			1991			
1,085.6	718.1	367.5	January	731.1	394.6	30.7
1,074.3	710.3	364.0	February	720.4	381.5	29.8

Production Worker Average Weekly Earnings				Production Worker Average Weekly Hours				Production Worker Average Hourly Earnings		
Manufacturing	Durable Goods	Nondurable Goods		Manufacturing	Durable Goods	Nondurable Goods		Manufacturing	Durable Goods	Nondurable Goods
$347.94	$358.57	$319.99	1980	40.6	40.7	40.2	1980	$ 8.57	$ 8.81	$ 7.96
389.78	401.64	358.16	1981	40.9	40.9	40.7	1981	9.53	9.82	8.80
403.81	414.80	378.95	1982	40.1	40.0	40.4	1982	10.07	10.37	9.38
437.18	452.35	402.52	1983	41.4	41.5	41.2	1983	10.56	10.90	9.77
463.61	482.38	417.83	1984	42.3	42.5	41.7	1984	10.96	11.35	10.02
477.96	499.56	425.80	1985	42.0	42.3	41.3	1985	11.38	11.81	10.31
486.68	507.95	439.71	1986	42.1	42.4	41.6	1986	11.56	11.98	10.57
499.70	519.52	455.03	1987	42.6	42.9	41.9	1987	11.73	12.11	10.86
515.57	538.16	466.31	1988	43.0	43.4	42.2	1988	11.99	12.40	11.05
523.50	542.23	478.19	1989	42.7	43.0	41.8	1989	12.26	12.61	11.44
535.94	556.38	492.74	1990	42.4	42.7	41.9	1990	12.64	13.03	11.76
			1990				1990			
518.72	536.36	478.67	February	41.9	42.2	41.3	February	12.38	12.71	11.59
529.17	548.26	483.89	March	42.3	42.6	41.5	March	12.51	12.87	11.66
517.09	534.18	478.06	April	41.5	41.7	41.0	April	12.46	12.81	11.66
542.28	564.19	493.08	May	42.8	43.2	42.0	May	12.67	13.06	11.74
547.82	571.14	497.12	June	43.0	43.4	42.2	June	12.74	13.16	11.78
532.14	550.35	491.99	July	42.2	42.4	41.8	July	12.61	12.98	11.77
536.78	555.93	493.92	August	42.4	42.6	42.0	August	12.66	13.05	11.76
556.85	581.16	504.38	September	43.2	43.5	42.6	September	12.89	13.36	11.84
547.41	571.43	496.78	October	42.6	42.9	42.1	October	12.85	13.32	11.80
547.84	568.43	503.37	November	42.7	42.9	42.3	November	12.83	13.25	11.90
543.13	562.22	501.06	December	42.3	42.4	42.0	December	12.84	13.26	11.93
			1991				1991			
539.70	559.99	497.90	January	42.0	42.2	41.7	January	12.85	13.27	11.94
529.51	545.73	494.81	February	41.4	41.5	41.2	February	12.79	13.15	12.01

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Employment and Average Weekly Earnings in Selected Major Manufacturing Industries[a]

Not Seasonally Adjusted

Employment

(thousands)

Stone, Clay, and Glass Products	Primary Metal Industries	Fabricated Metal Products		Industrial Machinery and Equipment	Electronic and Other Electric Equipment	Transportation Equipment		Food and Kindred Products	Printing and Publishing	Rubber and Miscellaneous Plastics Products
62.0	139.8	157.5	1980	219.2	96.5	138.6	1980	72.7	67.4	95.1
58.6	138.3	154.8	1981	211.8	92.3	136.4	1981	69.2	66.1	91.4
52.1	112.7	134.9	1982	183.4	84.7	121.1	1982	66.9	63.2	82.4
50.2	104.1	129.8	1983	160.1	81.7	131.6	1983	63.4	62.8	84.5
50.5	108.9	138.8	1984	173.1	85.4	144.4	1984	62.8	65.1	92.7
48.5	101.8	139.7	1985	171.7	83.2	150.6	1985	62.9	66.8	93.3
47.5	95.4	136.8	1986	163.9	82.0	153.2	1986	63.0	68.4	94.5
46.5	95.8	132.9	1987	160.3	79.9	148.8	1987	63.1	70.5	93.6
46.0	100.8	135.2	1988	163.9	80.0	142.8	1988	62.5	72.5	93.4
45.9	102.4	135.6	1989	167.7	79.9	143.8	1989	62.9	73.8	95.5
45.6	100.1	131.0	1990	165.2	79.2	143.6	1990	61.9	75.2	94.0
			1990				1990			
44.6	99.6	130.3	February	166.3	80.1	145.5	February	59.4	73.9	92.9
45.4	99.8	130.6	March	166.3	80.2	145.4	March	60.1	74.2	93.1
46.1	99.3	131.5	April	165.8	80.1	146.7	April	60.3	74.3	93.7
46.0	100.3	132.4	May	166.0	79.8	147.1	May	61.0	74.5	94.5
46.5	101.7	133.4	June	166.7	79.7	148.7	June	61.8	75.3	95.7
46.2	99.4	132.0	July	166.3	79.4	142.4	July	61.9	75.7	93.8
46.3	100.5	131.8	August	165.0	79.0	146.8	August	62.7	75.8	94.9
46.1	101.9	132.6	September	164.5	78.8	145.2	September	65.3	75.9	95.4
46.0	101.2	131.6	October	163.7	78.6	147.0	October	64.3	75.9	95.4
45.4	99.8	130.0	November	162.7	77.8	140.6	November	62.6	76.2	94.2
43.8	99.7	129.6	December	163.5	77.3	137.8	December	62.6	76.4	92.6
			1991				1991			
42.7	99.2	126.8	January	163.1	76.2	134.3	January	62.5	75.7	91.9
42.7	96.8	124.1	February	161.4	76.1	133.5	February	61.9	75.5	89.7

Average Weekly Earnings of Production Workers

$315.43	$422.01	$349.34	1980	$352.77	$316.31	$414.83	1980	$329.85	$320.92	$323.61
348.02	484.04	389.61	1981	389.16	350.27	471.50	1981	362.75	347.70	368.67
376.88	480.54	398.77	1982	392.63	366.56	506.99	1982	386.04	358.45	381.11
400.57	503.85	460.65	1983	424.09	394.63	557.92	1983	403.79	375.32	412.25
419.15	537.21	475.30	1984	467.61	420.65	603.46	1984	419.19	386.30	419.99
434.30	548.83	492.15	1985	475.58	433.30	635.26	1985	413.25	395.14	429.17
443.81	559.93	494.91	1986	485.18	459.80	632.06	1986	416.83	410.70	438.96
449.82	602.53	500.12	1987	502.36	463.01	638.13	1987	440.34	429.00	441.34
470.37	626.44	513.17	1988	526.24	466.07	673.91	1988	446.04	445.22	446.95
478.67	619.61	508.09	1989	534.10	459.95	704.48	1989	458.39	457.81	446.05
490.33	644.57	519.96	1990	543.46	464.12	721.92	1990	476.99	475.60	451.36
			1990				1990			
476.86	601.51	505.44	February	532.16	464.80	683.12	February	454.40	471.22	442.90
484.79	618.62	512.36	March	535.62	457.97	718.39	March	458.27	472.42	446.13
494.79	636.41	493.61	April	509.60	437.80	691.32	April	445.61	458.25	434.42
495.79	657.34	531.48	May	547.67	456.65	742.29	May	469.83	465.71	460.82
498.10	672.04	533.68	June	548.97	458.59	758.62	June	476.40	467.68	467.99
493.06	644.36	506.75	July	539.71	456.84	722.67	July	475.57	469.66	458.55
495.20	649.82	524.97	August	546.08	465.12	706.55	August	485.78	472.03	452.19
501.38	684.71	543.99	September	562.42	477.76	767.45	September	492.59	487.62	461.58
492.26	666.45	539.33	October	558.54	472.73	740.44	October	475.45	484.41	456.20
486.78	660.93	530.88	November	559.39	479.83	736.20	November	500.98	490.84	446.08
486.97	643.99	522.42	December	555.52	484.97	716.13	December	507.91	493.68	443.21
			1991				1991			
488.31	650.32	518.32	January	548.70	475.69	724.55	January	482.89	479.50	449.90
486.72	619.91	506.72	February	535.51	468.79	705.60	February	474.37	487.15	442.49

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision.

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Ohio

	Employment (in thousands)			Change[d] (in thousands)	
	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	From Last Month	From Last Year
Total	4808.5	4814.5	4770.5	-6.0	38.0
Goods-Producing Industries	1259.7	1274.5	1292.8	-14.8	-33.1
Mining	16.5	16.7	17.0	-.2	-.5
Coal Mining	6.6	6.7	6.9	-.1	-.3
Oil and Gas Extraction	5.6	5.8	5.7	-.2	-.1
Construction	169.0	172.2	170.7	-3.2	-1.8
General Building Contractors	42.7	43.5	43.4	-.8	-.6
Nonresidential Building Construction	22.3	22.8	22.9	-.6	-.6
Heavy Construction, Except Building	16.3	16.5	16.0	-.2	.3
Highway and Street Construction	4.3	4.1	4.1	.2	.3
Special Trade Contractors	109.9	112.2	111.3	-2.3	-1.4
Manufacturing	1074.3	1085.6	1105.1	-11.3	-30.8
Durable Goods[f]	710.3	718.1	743.5	-7.8	-33.2
Lumber and Wood Products	20.1	20.5	20.5	-.3	-.4
Millwork, Plywood and Structural Members	9.3	9.4	9.2	-.2	.1
Furniture and Fixtures	15.1	14.9	14.8	.2	.3
Stone, Clay, and Glass Products	42.7	42.7	44.6	.0	-1.9
Primary Metal Industries	96.8	99.2	99.6	-2.4	-2.8
Blast Furnace and Basic Steel Products	46.5	46.7	46.1	-.2	.4
Iron and Steel Foundries	17.5	19.7	19.9	-2.2	-2.5
Nonferrous Rolling and Drawing	15.5	15.2	16.0	.3	-.5
Nonferrous Foundries	10.0	10.1	10.5	-.1	-.5
Fabricated Metal Products	124.1	126.8	130.3	-2.7	-6.2
Fabricated Structural Metal Products	28.7	29.0	28.3	-.3	.3
Metal Forgings and Stampings	34.0	35.9	37.3	-1.8	-3.3
Industrial Machinery and Equipment	161.4	163.1	166.3	-1.7	-4.9
Construction and Related Machinery	12.1	12.5	14.0	-.3	-1.8
Metalworking Machinery	47.4	47.9	48.1	-.5	-.7
Special Industry Machinery	15.9	16.0	16.8	-.1	-.8
General Industrial Machinery	25.7	26.1	26.2	-.4	-.5
Computer and Office Equipment	10.7	10.7	11.1	.1	-.4
Refrigeration and Service Machinery	15.0	15.1	15.8	-.1	-.8
Electronic and Other Electric Equipment	76.1	76.2	80.1	-.2	-4.1
Electrical Industrial Apparatus	12.0	12.3	12.5	-.3	-.5
Household Appliances	14.4	14.3	15.8	.0	-1.5
Electric Lighting and Wiring Equipment	15.8	15.7	16.4	.1	-.6
Electronic Components and Accessories	11.2	11.2	11.8	.0	-.6
Transportation Equipment	133.5	134.3	145.5	-.7	-12.0
Motor Vehicles and Equipment	89.9	90.2	99.3	-.3	-9.4
Aircraft and Parts	36.2	36.4	37.7	-.3	-1.5
Instruments and Related Products	26.0	25.9	26.7	.0	-.7
Measuring and Controlling Devices	15.0	15.1	15.9	-.1	-.9
Nondurable Goods[g]	364.0	367.5	361.6	-3.5	2.4
Food and Kindred Products	61.9	62.5	59.4	-.6	2.4
Dairy Products	10.3	10.2	9.5	.1	.8
Preserved Fruits and Vegetables	10.6	10.9	10.2	-.2	.4
Bakery Products	9.6	9.7	8.8	-.1	.8
Apparel and Other Textile Products	14.2	14.5	14.6	-.4	-.5
Paper and Allied Products	38.0	38.1	37.2	-.1	.8
Paperboard Containers and Boxes	14.0	13.9	13.4	.1	.5
Miscellaneous Converted Paper Products	12.2	12.2	12.0	.1	.3
Printing and Publishing	75.5	75.7	73.9	-.2	1.6
Newspapers	18.8	19.0	18.9	-.2	.0
Commercial Printing	28.0	28.0	27.0	.1	1.0
Chemicals and Allied Products	66.4	66.2	65.3	.2	1.1
Plastics Materials and Synthetics	9.7	9.6	9.6	.0	.1
Rubber and Miscellaneous Plastics Products	89.7	91.9	92.9	-2.2	-3.2
Tires and Inner Tubes	14.8	14.8	14.6	-.1	.1
Miscellaneous Plastics Products	54.5	56.5	56.5	-2.0	-1.9
Service-Producing Industries	3548.8	3540.0	3477.7	8.8	71.1
Transportation and Public Utilities	216.7	217.5	214.5	-.8	2.2
Transportation	125.0	125.6	122.7	-.6	2.3
Railroad Transportation	11.3	11.5	11.9	-.2	-.6
Trucking and Warehousing	73.8	73.9	72.9	-.1	.9
Transportation by Air	15.3	15.3	14.0	.0	1.3
Communications, Electric, Gas Services	91.7	92.0	91.8	-.2	-.1
Communications	48.3	48.5	48.6	-.1	-.2
Electric, Gas, and Sanitary Services	43.4	43.5	43.3	-.1	.1

See footnotes on page 13.

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Ohio (continued)

	Employment (in thousands)			Change[d] (in thousands)	
	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	From Last Month	From Last Year
Wholesale Trade	261.7	262.1	257.5	-.5	4.2
Wholesale Trade-Durable Goods	163.1	163.2	161.5	-.2	1.6
Motor Vehicles, Parts, and Supplies	21.8	21.9	21.8	-.1	.0
Professional and Commercial Equipment	32.0	32.0	32.0	.1	.0
Metals and Minerals, Except Petroleum	11.1	11.1	10.9	.0	.2
Electrical Goods	17.4	17.4	17.9	.0	-.5
Hardware, Plumbing and Heating Equipment	12.2	12.2	12.4	.0	-.2
Machinery, Equipment, and Supplies	40.7	40.6	39.7	.1	1.0
Wholesale Trade-Nondurable Goods	98.6	98.9	96.0	-.3	2.6
Groceries and Related Products	33.7	33.9	32.1	-.2	1.6
Retail Trade	880.9	893.0	878.0	-12.1	2.9
Building Materials and Garden Supplies	31.7	31.8	31.1	-.1	.6
Lumber and Other Building Materials	16.4	16.4	16.0	.0	.4
General Merchandise Stores	118.6	125.8	121.9	-7.2	-3.3
Department Stores	99.5	105.4	101.8	-5.9	-2.3
Variety Stores	9.4	9.7	9.8	-.3	-.4
Food Stores	137.9	139.1	137.2	-1.2	.7
Grocery Stores	122.9	123.8	122.2	-.9	.7
Automotive Dealers and Service Stations	96.4	96.5	97.2	-.2	-.8
New and Used Car Dealers	40.7	40.7	41.7	.0	-1.0
Gasoline Service Stations	35.1	35.3	35.0	-.2	.0
Apparel and Accessory Stores	48.0	49.8	48.4	-1.8	-.5
Furniture and Homefurnishings Stores	30.9	31.6	30.7	-.7	.3
Eating and Drinking Places	300.9	300.0	298.0	.9	3.0
Miscellaneous Retail	116.5	118.3	113.6	-1.9	2.9
Drug Stores and Proprietary Stores	31.1	31.3	30.6	-.2	.6
Nonstore Retailers	23.2	23.4	21.9	-.2	1.2
Finance, Insurance, and Real Estate	254.1	253.7	251.1	.4	3.0
Finance	120.7	120.7	120.1	.0	.6
Depository Institutions	89.1	89.3	89.4	-.2	-.3
Commercial Banks	63.8	63.9	63.1	-.1	.8
Insurance	90.7	90.5	89.7	.2	1.0
Insurance Carriers	68.9	68.9	68.3	.1	.6
Life Insurance	25.5	25.4	25.0	.1	.5
Fire, Marine, and Casualty Insurance	30.6	30.6	30.3	.0	.3
Real Estate	42.7	42.4	41.3	.3	1.4
Services	1194.5	1184.3	1146.7	10.1	47.8
Hotels and Other Lodging Places	38.5	38.0	37.5	.5	1.0
Personal Services	56.4	55.9	55.8	.6	.6
Business Services	218.1	216.9	202.5	1.2	15.6
Services to Buildings	33.7	33.2	33.0	.5	.8
Personnel Supply Services	72.1	71.7	66.0	.4	6.2
Computer and Data Processing Services	29.2	29.0	26.3	.2	2.9
Amusements, Including Motion Pictures	48.6	48.1	46.4	.5	2.2
Health Services	402.4	401.6	389.6	.8	12.7
Nursing and Personal Care Facilities	86.4	86.0	84.2	.3	2.2
Hospitals	192.9	192.9	189.0	.0	3.8
Legal Services	29.4	29.3	28.4	.1	1.0
Educational Services	69.7	66.0	68.0	3.7	1.7
Colleges and Universities	40.8	37.6	39.5	3.2	1.3
Social Services	82.1	81.6	77.9	.5	4.1
Residential Care	24.0	23.9	22.7	.1	1.4
Membership Organizations	77.8	77.3	77.1	.6	.7
Engineering and Management Services	92.7	91.9	89.0	.8	3.6
Engineering and Architectural Services	29.0	28.9	27.5	.1	1.5
Accounting, Auditing, and Bookkeeping	22.4	22.0	21.8	.4	.6
Research and Testing Services	19.0	18.9	18.8	.0	.1
Management and Public Relations	22.3	22.1	20.9	.2	1.4
Government	740.9	729.3	730.0	11.6	11.0
Federal Government	94.2	94.3	96.5	.0	-2.2
U.S. Postal Service	33.2	33.2	33.9	.0	-.8
State Government	169.6	162.6	167.3	6.9	2.3
State Government Hospitals	15.5	15.4	15.9	.0	-.5
State Government Education[h]	92.9	86.0	91.5	7.0	1.4
Local Government	477.1	472.4	466.2	4.7	10.9
Local Government Hospitals	14.3	14.3	14.1	.0	.3
Local Government Education	284.2	278.8	277.1	5.4	7.1

See footnotes on page 13.

Hours and Earnings of Production or Nonsupervisory Workers[a]

Not Seasonally Adjusted

Ohio

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]
Goods-Producing Industries	$540.19	$552.86	$531.20	40.8	41.6	41.5	$13.24	$13.29	$12.80
Mining	596.09	610.85	614.88	42.7	43.2	44.3	13.96	14.14	13.88
Coal Mining	744.77	763.03	761.36	44.2	44.7	45.4	16.85	17.07	16.77
Construction	602.51	622.68	596.71	37.4	38.7	38.3	16.11	16.09	15.58
General Building Contractors	534.39	556.95	548.57	37.9	39.5	40.1	14.10	14.10	13.68
Heavy Construction, Except Building	644.84	664.14	539.78	39.2	40.3	36.3	16.45	16.48	14.87
Special Trade Contractors	616.23	638.46	620.16	36.9	38.3	38.0	16.70	16.67	16.32
Manufacturing	529.51	539.70	518.72	41.4	42.0	41.9	12.79	12.85	12.38
Durable Goods[f]	545.73	559.99	536.36	41.5	42.2	42.2	13.15	13.27	12.71
Lumber and Wood Products	305.25	303.00	313.05	37.5	37.5	38.6	8.14	8.08	8.11
Millwork, Plywood and Structural Members	346.71	340.73	340.23	39.0	38.5	40.6	8.89	8.85	8.38
Furniture and Fixtures	398.77	397.57	387.20	41.8	41.5	41.5	9.54	9.58	9.33
Stone, Clay, and Glass Products	486.72	488.31	476.86	41.6	41.7	42.2	11.70	11.71	11.30
Primary Metal Industries	619.91	650.32	601.51	42.9	44.3	42.6	14.45	14.68	14.12
Blast Furnace and Basic Steel Products	651.73	690.61	617.19	44.7	46.6	43.1	14.58	14.82	14.32
Iron and Steel Foundries	624.65	664.23	625.82	40.8	42.2	42.4	15.31	15.74	14.76
Nonferrous Rolling and Drawing	628.34	636.70	630.74	39.1	39.4	40.2	16.07	16.16	15.69
Nonferrous Foundries	466.84	467.64	449.83	44.0	44.2	42.8	10.61	10.58	10.51
Fabricated Metal Products	506.72	518.32	505.44	40.7	41.3	41.6	12.45	12.55	12.15
Fabricated Structural Metal Products	457.32	465.63	456.92	41.2	42.1	41.5	11.10	11.06	11.01
Metal Forgings and Stampings	623.70	626.60	625.19	40.5	40.4	42.1	15.40	15.51	14.85
Industrial Machinery and Equipment	535.51	548.70	532.16	42.1	42.8	43.3	12.72	12.82	12.29
Construction and Related Machinery	470.55	461.55	471.13	40.6	40.1	41.4	11.59	11.51	11.38
Metalworking Machinery	507.36	520.45	530.58	42.0	42.8	44.4	12.08	12.16	11.95
Special Industry Machinery	503.71	543.79	526.68	42.4	44.5	44.0	11.88	12.22	11.97
General Industrial Machinery	607.71	619.87	557.40	43.1	43.9	42.1	14.10	14.12	13.24
Computer and Office Equipment	504.81	491.07	462.45	42.6	41.9	41.7	11.85	11.72	11.09
Refrigeration and Service Machinery	570.78	596.01	544.64	39.5	40.6	39.9	14.45	14.68	13.65
Electronic and Other Electric Equipment	468.79	475.69	464.80	40.8	41.4	41.5	11.49	11.49	11.20
Electrical Industrial Apparatus	443.88	463.91	447.74	41.1	42.6	42.4	10.80	10.89	10.56
Household Appliances	494.86	501.43	515.81	40.2	41.0	41.8	12.31	12.23	12.34
Electric Lighting and Wiring Equipment	464.31	475.80	472.40	38.5	39.0	40.0	12.06	12.20	11.81
Electronic Components and Accessories	354.83	362.53	339.06	41.5	42.5	41.5	8.55	8.53	8.17
Transportation Equipment	705.60	724.55	683.12	42.1	43.0	43.4	16.76	16.85	15.74
Motor Vehicles and Equipment	721.05	746.03	700.35	41.8	42.9	43.5	17.25	17.39	16.10
Aircraft and Parts	681.35	682.43	675.14	44.1	44.4	44.8	15.45	15.37	15.07
Instruments and Related Products	397.40	402.19	377.67	39.7	40.3	39.3	10.01	9.98	9.61
Measuring and Controlling Devices	387.35	392.34	370.33	38.2	39.0	38.9	10.14	10.06	9.52
Nondurable Goods[g]	494.81	497.90	478.67	41.2	41.7	41.3	12.01	11.94	11.59
Food and Kindred Products	474.37	482.89	454.40	41.0	41.7	40.9	11.57	11.58	11.11
Dairy Products	502.79	511.86	491.89	42.9	43.6	43.3	11.72	11.74	11.36
Preserved Fruits and Vegetables	486.38	537.46	488.31	39.9	43.1	41.0	12.19	12.47	11.91
Bakery Products	478.65	479.79	483.73	38.2	38.2	39.2	12.53	12.56	12.34
Apparel and Other Textile Products	312.03	308.90	297.56	39.2	39.2	38.1	7.96	7.88	7.81
Paper and Allied Products	532.73	536.54	502.43	44.1	44.6	43.5	12.08	12.03	11.55
Paperboard Containers and Boxes	467.42	471.35	430.68	43.2	44.3	42.1	10.82	10.64	10.23
Miscellaneous Converted Paper Products	495.03	490.85	477.30	43.5	43.4	44.4	11.38	11.31	10.75
Printing and Publishing	487.15	479.50	471.22	39.8	39.4	39.9	12.24	12.17	11.81
Newspapers	380.90	374.03	381.29	32.5	32.3	33.3	11.72	11.58	11.45
Commercial Printing	504.90	489.09	482.89	41.9	41.1	41.7	12.05	11.90	11.58
Chemicals and Allied Products	602.93	616.03	586.28	42.4	43.2	42.3	14.22	14.26	13.86
Plastics Materials and Synthetics	681.21	699.74	662.72	43.5	44.4	43.6	15.66	15.76	15.20
Rubber and Miscellaneous Plastics Products	442.49	449.90	442.90	40.3	41.2	41.2	10.98	10.92	10.75
Tires and Inner Tubes	710.89	740.54	719.59	43.4	44.8	45.4	16.38	16.53	15.85
Miscellaneous Plastics Products	420.69	430.91	424.09	39.8	41.0	40.7	10.57	10.51	10.42
Service-Producing Industries	.....	.....	.....	....	....	....	.....	.....	.....
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communications, Electric, Gas Services	647.02	642.54	624.76	42.4	42.3	42.1	15.26	15.19	14.84
Communications	635.59	622.02	558.69	42.6	42.0	39.4	14.92	14.81	14.18
Electric, Gas, and Sanitary Services	661.70	667.83	702.60	42.2	42.7	45.3	15.68	15.64	15.51
Wholesale Trade	421.29	424.24	411.06	38.9	39.1	39.0	10.83	10.85	10.54
Wholesale Trade-Durable Goods	417.79	421.79	405.47	38.9	39.2	39.1	10.74	10.76	10.37
Motor Vehicles, Parts, and Supplies	336.66	351.78	352.64	38.3	39.0	38.0	8.79	9.02	9.28
Metals and Minerals, Except Petroleum	474.86	477.05	481.92	41.4	41.7	42.2	11.47	11.44	11.42
Wholesale Trade-Nondurable Goods	426.02	427.90	421.29	38.8	38.9	38.9	10.98	11.00	10.83

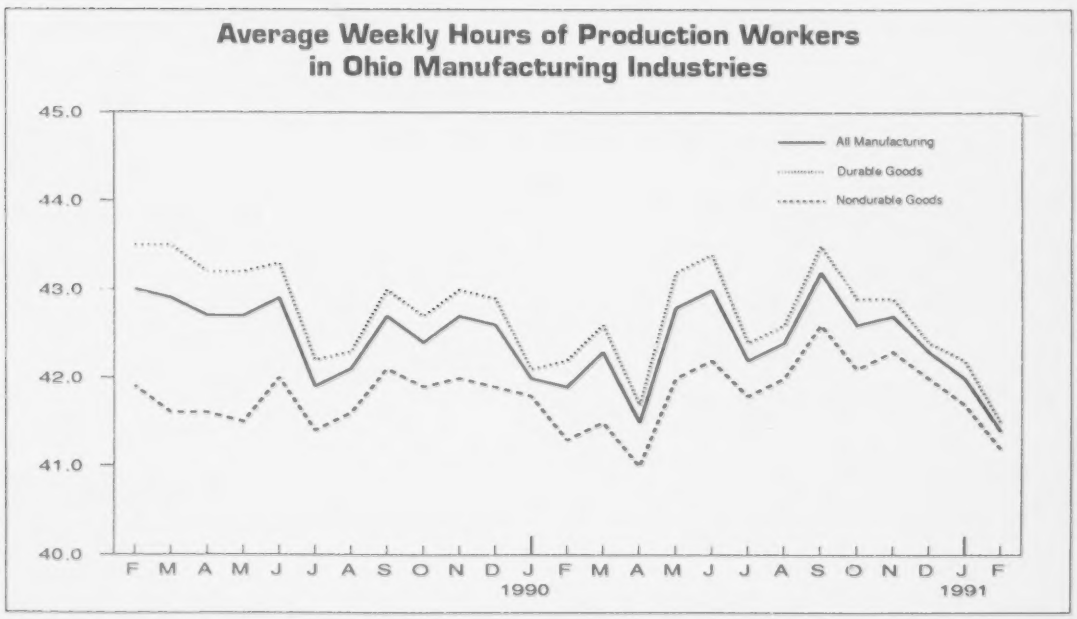
See footnotes on page 13.

Hours and Earnings of Production or Nonsupervisory Workers[a]

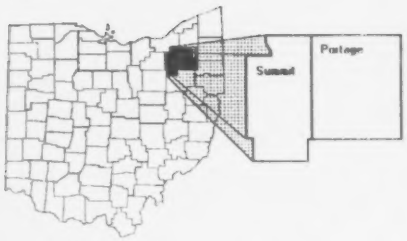
Not Seasonally Adjusted

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]
Retail Trade[i]	$176.96	$177.62	$173.80	27.1	27.2	27.5	$ 6.53	$ 6.53	$ 6.32
General Merchandise Stores	197.96	198.95	184.92	28.0	28.1	27.6	7.07	7.08	6.70
Department Stores	202.48	202.48	188.78	28.2	28.2	27.6	7.18	7.18	6.84
Finance, Insurance, and Real Estate	360.08	356.57	352.64	....	....	....	.....	.....	.....
Finance	331.74	329.34	325.81	....	....	....	.....	.....	.....
Depository Institutions	279.29	276.79	279.61	....	....	....	.....	.....	.....
Commercial Banks	272.60	.43	278.05	....	....	....	.....	.....	.....
Insurance	428.67	.3.93	417.21	....	....	....	.....	.....	.....
Insurance Carriers	415.11	412.72	402.64	....	....	....	.....	.....	.....
Life Insurance	387.71	.99	370.75	....	....	....	.....	.....	.....
Fire, Marine, and Casualty Insurance	452.68	451.05	435.58	....	....	....	.....	.....	.....
Services	.....	.....	.....	....	....	....	.....	.....	.....
Business Services	264.14	261.03	236.52	33.1	33.0	32.4	7.98	7.91	7.30
Health Services	325.70	323.97	307.41	31.9	31.7	31.4	10.21	10.22	9.79
Nursing and Personal Care Facilities	226.02	224.06	204.39	32.9	32.1	31.3	6.87	6.98	6.53
Hospitals	379.73	377.78	362.57	32.4	32.4	32.2	11.72	11.66	11.26
Engineering and Management Services	506.55	500.51	490.82	35.9	35.7	35.8	14.11	14.02	13.71
Engineering and Architectural Services	711.74	710.34	681.03	34.4	34.6	32.9	20.69	20.53	20.70
Research and Testing Services	391.92	394.87	388.19	35.5	35.8	36.9	11.04	11.03	10.52

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [i]Includes miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [h]Includes State universities, State schools for the deaf and blind, and the State library. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.



Akron Primary Metropolitan Statistical Area

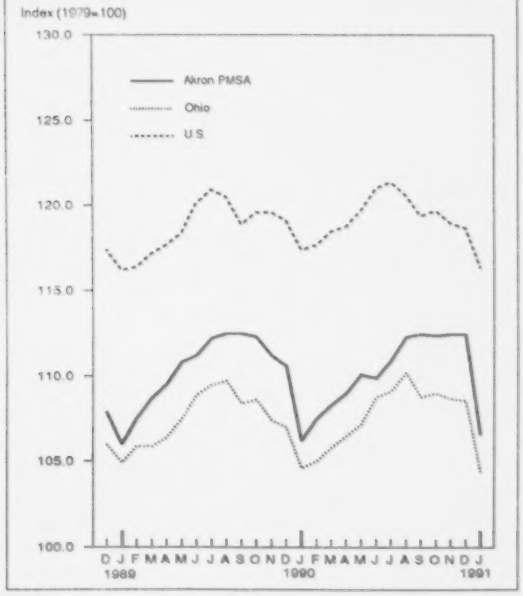


Nonagricultural payroll employment in the Akron metropolitan area rose 2,300 above the January level to 281,900 in February 1991. The return of nonteaching personnel in state schools and colleges increased employment in service-producing industries 4,300. The number of jobs in goods-producing industries declined 2,100 over the month to 74,600. Temporary layoffs in fabricated metal products helped lower manufacturing employment 1,900. Factory production workers averaged $11.67 per hour, down 26 cents from January. Their average workweek of 41.8 hours was 0.7 hours shorter.

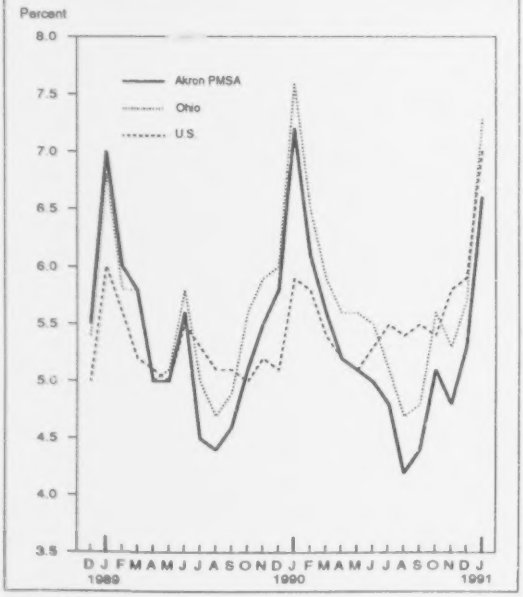
Nonfarm wage and salary employment advanced 3,100 between February 1990 and February 1991. Expansion in service-producing industries created 3,700 jobs. The leading growth industry was services, especially health services. Reductions in construction and manufacturing lowered employment in goods-producing industries 600 during the period. Current layoffs in fabricated metal products and production cutbacks in industrial machinery and equipment negated scattered gains.

Seasonally adjusted employment in the Akron area totaled 287,000 in February 1991, unchanged from January. Slight gains in government and construction offset a decline in manufacturing. Since February 1990, nonfarm payroll employment advanced 3,000 mainly due to growth in services and government.

Indexes of Total Employment
Akron PMSA, Ohio and U.S. (Not Seasonally Adjusted)



Unemployment Rates
Akron PMSA, Ohio and U.S. (Not Seasonally Adjusted)



Akron PMSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
304.5	278.3	26.2	8.6	1980	262.4	79.1	47.5	$361.88	41.5	$ 8.72
304.1	274.9	29.1	9.6	1981	259.5	75.7	43.7	397.10	41.8	9.50
303.9	268.0	35.9	11.8	1982	248.8	68.3	36.9	403.03	41.0	9.83
302.5	265.2	37.3	12.3	1983	244.7	65.2	33.4	452.12	43.1	10.49
316.5	285.8	30.6	9.7	1984	252.2	67.9	38.0	470.65	43.7	10.77
317.8	289.9	28.0	8.8	1985	257.6	68.1	37.3	475.20	43.2	11.00
320.4	294.8	25.6	8.0	1986	260.7	67.2	36.4	484.70	43.2	11.22
320.3	297.5	22.7	7.1	1987	265.1	66.4	36.5	487.03	43.1	11.30
324.9	305.2	19.7	6.1	1988	272.7	66.2	37.7	502.28	43.3	11.60
333.0	315.1	17.8	5.4	1989	281.0	67.3	39.3	495.75	42.7	11.61
332.3	314.9	17.3	5.2	1990	285.9	67.0	38.2	510.60	42.8	11.93
				1990						
326.7	306.8	20.0	6.1	February	278.8	65.7	37.5	496.40	42.5	11.68
327.3	309.1	18.2	5.6	March	282.0	66.3	37.9	500.02	42.7	11.71
328.4	311.2	17.2	5.2	April	284.5	66.3	37.9	479.49	41.3	11.61
330.9	314.1	16.7	5.1	May	289.0	66.9	38.2	516.00	43.0	12.00
329.9	313.6	16.4	5.0	June	285.3	67.1	38.3	524.36	43.3	12.11
332.4	316.5	15.9	4.8	July	284.1	66.6	37.9	509.92	42.6	11.97
334.4	320.5	13.9	4.2	August	285.2	67.0	38.1	529.40	43.5	12.17
335.8	321.1	14.7	4.4	September	292.1	67.7	38.7	529.91	43.4	12.21
337.9	320.8	17.1	5.1	October	291.7	68.3	39.3	519.16	42.8	12.13
337.5	321.2	16.3	4.8	November	292.3	68.0	39.1	515.81	43.2	11.94
339.2	321.1	18.1	5.3	December	292.0	68.0	39.1	515.66	42.9	12.02
				1991						
325.8	304.1	21.7	6.6	January	279.7	67.3	38.6	507.03	42.5	11.93
INA	INA	INA	INA	February	281.9	65.5	38.6	487.81	41.8	11.67

INA – Information not available

Akron PMSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods-Producing Industries	Construction	Manufacturing		Service-Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
262	88	8	79	1980	175	14	12	45	9	50	44
260	84	8	76	1981	175	14	13	45	9	52	42
249	78	7	68	1982	173	13	12	45	9	52	41
245	73	7	65	1983	172	13	12	45	9	52	41
252	76	8	68	1984	176	13	13	47	9	53	41
258	77	8	68	1985	180	13	13	49	10	54	42
261	76	9	67	1986	184	13	14	50	10	56	42
265	76	9	66	1987	189	13	14	52	11	58	42
273	76	10	66	1988	196	13	15	53	11	62	43
281	78	10	67	1989	203	13	15	55	10	66	44
286	78	11	67	1990	208	14	15	54	11	69	45
				1990							
284	78	11	66	February	206	14	15	54	11	68	45
285	78	11	67	March	207	14	15	54	11	68	45
284	78	11	66	April	207	14	15	54	11	69	45
286	78	11	67	May	208	14	15	54	11	69	45
286	78	10	67	June	208	14	15	54	11	69	45
285	77	10	66	July	208	14	15	54	11	69	45
287	78	10	67	August	209	14	15	54	11	70	46
287	79	10	67	September	208	14	15	54	11	69	45
287	79	10	66	October	209	14	15	54	11	70	45
288	79	10	66	November	210	14	15	55	11	71	45
289	79	10	68	December	210	14	15	55	11	71	45
				1991							
287	79	10	68	January	208	14	15	54	11	71	44
287	77	11	66	February	210	14	15	54	11	71	46

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Akron PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	From Last Month	From Last Year
Total	281.9	279.7	278.8	2.3	3.1
Goods-Producing Industries[e]	74.6	76.7	75.2	-2.1	-.6
Construction	8.6	8.8	8.9	-.2	-.3
Manufacturing	65.5	67.3	65.7	-1.9	-.3
Durable Goods[f]	33.1	34.9	33.9	-1.9	-.8
Fabricated Metal Products	9.1	10.6	10.3	-1.5	-1.2
Fabricated Structural Metal Products	4.7	4.7	4.5	.0	.2
Industrial Machinery and Equipment	9.7	10.0	10.2	-.3	-.5
Metalworking Machinery	4.2	4.3	4.0	.0	.3
Electronic and Other Electric Equipment	2.4	2.4	2.5	.0	-.1
Transportation Equipment	4.8	4.9	4.9	.0	.0
Nondurable Goods[g]	32.4	32.4	31.9	.0	.5
Food and Kindred Products	3.3	3.2	3.0	.1	.3
Chemicals and Allied Products	3.5	3.5	3.5	.0	.0
Rubber and Miscellaneous Plastics Products	19.2	19.4	19.2	-.1	.0
Tires and Inner Tubes	10.4	10.4	10.3	.0	.1
Service-Producing Industries	207.3	203.0	203.6	4.3	3.7
Transportation and Public Utilities	13.6	13.6	13.5	.1	.1
Communications, Electric, Gas Services	5.5	5.5	5.4	.0	.1
Wholesale Trade	14.7	14.8	14.8	-.1	-.1
Retail Trade	52.4	53.1	52.6	-.6	-.1
General Merchandise Stores	5.7	6.0	6.4	-.3	-.7
Food Stores	9.0	9.0	8.5	.0	.4
Finance, Insurance, and Real Estate	10.6	10.6	10.7	.0	-.2
Finance	5.3	5.3	5.5	.0	-.2
Services	68.6	68.7	65.5	-.2	3.1
Business Services	11.8	11.8	11.1	-.1	.7
Personnel Supply Services	3.1	3.2	2.9	-.1	.2
Amusements, Including Motion Pictures	4.4	4.7	4.2	-.3	.2
Health Services	23.0	22.9	22.0	.1	1.0
Nursing and Personal Care Facilities	3.9	3.8	3.7	.1	.2
Hospitals	11.5	11.5	11.1	.0	.4
Social Services	5.4	5.4	5.0	.0	.4
Engineering and Management Services	5.1	5.0	4.8	.0	.2
Government	47.3	42.2	46.5	5.1	.9
Federal Government	2.6	2.5	2.4	.0	.2
State Government	17.8	13.2	17.4	4.6	.4
State Government Education[h]	15.0	10.4	14.5	4.6	.4
Local Government	27.0	26.5	26.7	.5	.3
Local Government Education	15.2	14.7	15.0	.5	.2

Hours and Earnings of Production or Nonsupervisory Workers[a]

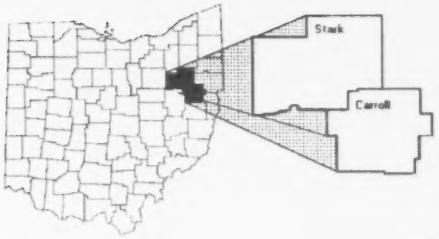
Not Seasonally Adjusted

Akron PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]
Manufacturing	$487.81	$507.03	$496.40	41.8	42.5	42.5	$11.67	$11.93	$11.68
Durable Goods[f]	484.88	506.09	504.18	42.2	42.6	42.8	11.49	11.88	11.78
Fabricated Metal Products	534.39	582.39	590.94	40.7	41.1	42.0	13.13	14.17	14.07
Fabricated Structural Metal Products	521.26	522.14	515.04	44.4	44.4	43.5	11.74	11.76	11.84
Industrial Machinery and Equipment	500.40	497.28	483.65	45.0	44.4	44.7	11.12	11.20	10.82
Metalworking Machinery	554.13	573.54	521.60	47.2	48.4	46.2	11.74	11.85	11.29
Electronic and Other Electric Equipment	428.24	431.50	404.09	40.4	40.9	40.9	10.60	10.55	9.88
Transportation Equipment	634.72	631.73	652.96	42.8	42.8	44.0	14.83	14.76	14.84
Nondurable Goods[g]	492.71	507.60	485.83	41.3	42.3	42.1	11.93	12.00	11.54
Food and Kindred Products	386.00	378.56	368.55	38.6	38.2	39.0	10.00	9.91	9.45
Chemicals and Allied Products	552.93	594.76	509.46	42.5	44.0	42.0	13.01	13.29	12.13
Rubber and Miscellaneous Plastics Products	498.12	508.03	494.49	42.0	43.2	43.3	11.86	11.76	11.42
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communications, Electric, Gas Services	619.50	617.81	587.32	42.2	42.2	40.2	14.68	14.64	14.61
Wholesale Trade	365.53	370.94	353.65	36.7	36.8	36.8	9.96	10.08	9.61
Retail Trade[i]	212.99	213.96	210.06	29.5	29.8	30.4	7.22	7.18	6.91
General Merchandise Stores	184.31	184.52	194.24	27.8	28.0	29.7	6.63	6.59	6.54
Food Stores	318.96	317.36	309.40	36.0	35.9	35.4	8.86	8.84	8.74
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	286.45	294.90	287.83	....	....	....	.....	.....	.....

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

Canton Metropolitan Statistical Area

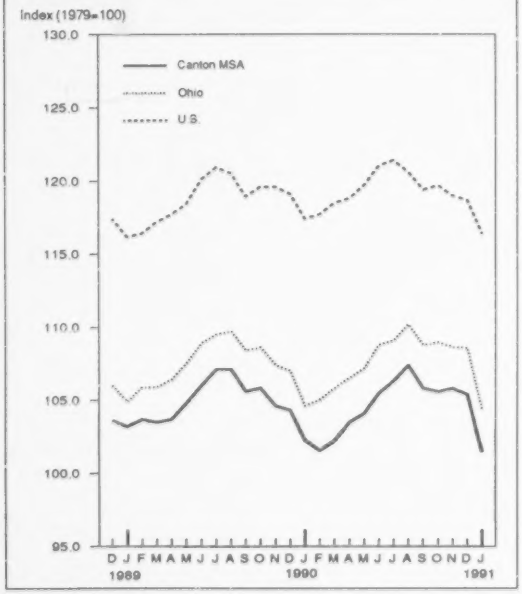


Total nonfarm payroll employment in the Canton metropolitan area dropped 1,100 from January to 162,600 in February 1991. Lowered production in manufacturing, especially primary metal industries and fabricated metal products, and less business in construction reduced employment in goods-producing industries 700 to 50,600. The number of employees in service-producing industries declined 400 as seasonal layoffs in retail trade outweighed modest increases in services. Manufacturing production workers averaged $11.33 per hour, up slightly from January. Their average workweek was 0.2 hours shorter at 41.7 hours.

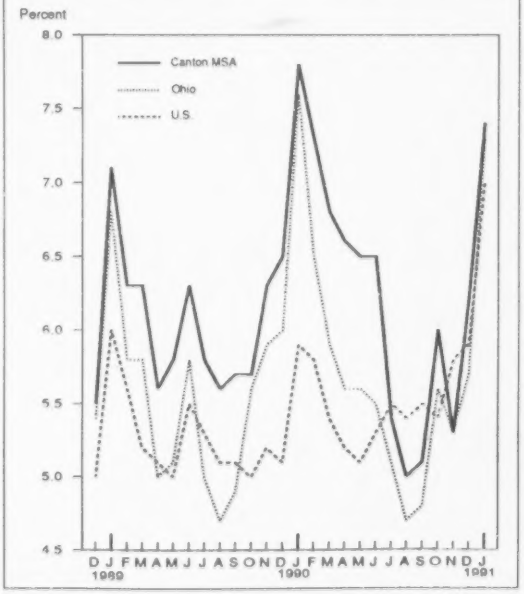
Nonagricultural wage and salary employment advanced 1,200 between February 1990 and February 1991. Expansion in services helped raise employment in service-producing industries 2,500. Employment in goods-producing industries fell 1,300 below the year-ago level due to scattered reductions in manufacturing and a modest decline in construction. Decreased production in fabricated metal products, rubber and miscellaneous plastics products, and electronic and other electric equipment negated a gain in primary metal industries.

Seasonally adjusted employment in the Canton area totaled 167,000 in February 1991, unchanged from January. A gain in services offset declines in manufacturing and government. Since February 1990, nonfarm payroll employment advanced 2,000 as growth in services and retail trade outweighed a decline in manufacturing.

Indexes of Total Employment
Canton MSA, Ohio and U.S. (Not Seasonally Adjusted)



Unemployment Rates
Canton MSA, Ohio and U.S. (Not Seasonally Adjusted)



Canton MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
187.7	170.9	16.8	8.9	1980	157.1	55.7	40.1	$342.81	39.0	$ 8.79
188.4	170.1	18.2	9.7	1981	156.6	54.8	39.6	390.40	40.0	9.76
191.4	164.3	27.0	14.1	1982	148.6	47.6	33.3	394.49	38.6	10.22
187.0	159.5	27.5	14.7	1983	143.4	43.5	30.6	422.14	39.6	10.66
188.1	168.1	19.9	10.6	1984	149.1	46.4	33.6	437.53	40.4	10.83
189.5	169.5	20.0	10.6	1985	151.5	46.2	33.8	435.81	39.8	10.95
190.5	171.2	19.4	10.2	1986	151.9	43.7	31.0	451.76	40.3	11.21
190.4	174.7	15.7	8.2	1987	156.4	44.0	31.2	475.15	41.9	11.34
190.5	178.0	12.6	6.6	1988	160.1	45.3	32.4	462.21*	42.6*	10.85*
194.1	182.3	11.8	6.1	1989	164.5	45.7	32.6	466.91	41.8	11.17
193.8	181.8	12.0	6.2	1990	166.0	44.8	31.3	481.37	42.3	11.38
				1990						
190.5	176.5	14.0	7.3	February	161.4	44.7	31.3	473.91	42.2	11.23
190.5	177.6	12.9	6.8	March	163.0	44.8	31.2	472.36	42.1	11.22
192.4	179.8	12.6	6.6	April	164.2	43.8	30.1	474.31	41.9	11.32
193.5	180.9	12.6	6.5	May	167.1	44.7	31.0	479.94	42.1	11.40
196.0	183.3	12.8	6.5	June	168.2	45.1	31.5	487.60	42.4	11.50
195.2	184.6	10.6	5.4	July	167.2	45.2	31.5	485.18	42.3	11.47
196.4	186.5	9.9	5.0	August	167.4	45.1	31.4	484.08	42.5	11.39
193.6	183.8	9.8	5.1	September	168.2	45.5	32.0	491.63	42.9	11.46
195.0	183.4	11.6	6.0	October	167.9	44.8	31.4	485.60	42.3	11.48
194.1	183.8	10.3	5.3	November	168.2	44.9	31.4	484.34	42.3	11.45
195.3	183.1	12.2	6.2	December	167.5	44.4	31.0	473.30	41.7	11.35
				1991						
190.5	176.3	14.1	7.4	January	163.8	44.2	30.7	473.05	41.9	11.29
INA	INA	INA	INA	February	162.6	43.6	30.1	472.46	41.7	11.33

INA – Information not available

*Not comparable to previous estimates due to change in estimating methodology.

Canton MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods-Producing Industries	Construction	Manufacturing		Service-Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
157	62	5	56	1980	95	7	7	26	5	29	19
157	61	5	55	1981	95	7	8	26	6	30	19
149	54	5	48	1982	95	6	8	26	6	30	18
143	49	4	44	1983	94	6	7	26	6	31	18
149	53	5	46	1984	97	6	8	27	6	31	18
151	53	5	46	1985	99	6	8	29	6	32	18
152	50	5	44	1986	102	6	8	30	6	33	18
156	51	6	44	1987	106	6	8	31	7	36	18
160	52	6	45	1988	108	6	8	32	7	37	19
164	54	7	46	1989	111	6	9	33	7	38	19
166	53	8	45	1990	113	6	9	33	7	40	19
				1990							
165	54	8	45	February	111	6	9	32	7	39	19
166	54	8	45	March	112	6	9	32	7	39	19
165	53	8	44	April	112	6	9	32	7	39	19
166	53	8	45	May	113	6	9	33	7	40	20
167	53	7	45	June	114	6	9	33	7	40	20
166	53	7	45	July	113	6	9	33	7	40	20
167	53	7	45	August	114	6	9	33	7	40	20
167	53	7	45	September	113	6	9	33	7	40	20
166	53	7	45	October	113	6	9	33	7	40	19
166	53	7	45	November	114	6	9	33	7	40	19
166	52	7	44	December	114	6	9	33	7	41	19
				1991							
167	53	8	45	January	114	6	9	33	7	40	20
167	53	8	44	February	114	6	9	33	7	41	19

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Canton MSA

	Employment (in thousands)			Change[d] (in thousands)	
	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	From Last Month	From Last Year
Total	162.6	163.8	161.4	-1.1	1.2
Goods-Producing Industries[e]	50.6	51.4	52.0	-.7	-1.3
Construction	6.2	6.4	6.5	-.2	-.3
Manufacturing	43.6	44.2	44.7	-.5	-1.1
Durable Goods[f]	32.9	33.2	33.7	-.3	-.8
Primary Metal Industries	11.7	11.9	11.0	-.2	.6
Fabricated Metal Products	5.2	5.4	6.0	-.2	-.7
Electronic and Other Electric Equipment	4.0	4.0	4.2	.0	-.3
Nondurable Goods[g]	10.7	11.0	11.0	-.3	-.3
Food and Kindred Products	3.0	3.1	2.9	-.1	.1
Rubber and Miscellaneous Plastics Products	2.4	2.6	2.9	-.1	-.5
Service-Producing Industries	112.0	112.4	109.5	-.4	2.5
Transportation and Public Utilities	5.6	5.6	5.5	.0	.1
Communications, Electric, Gas Services	2.8	2.8	2.7	.0	.1
Wholesale Trade	8.7	8.8	8.5	-.1	.2
Retail Trade	31.5	32.1	31.2	-.6	.3
General Merchandise Stores	3.6	3.9	4.0	-.2	-.3
Food Stores	5.6	5.7	5.3	.0	.3
Finance, Insurance, and Real Estate	6.5	6.5	6.9	.0	-.4
Finance	3.8	3.8	4.0	.0	-.2
Services	39.8	39.5	37.9	.3	1.9
Health Services	16.3	16.3	15.6	.0	.7
Nursing and Personal Care Facilities	3.9	3.8	3.7	.1	.1
Hospitals	7.6	7.6	7.2	.0	.4
Government	19.9	19.9	19.5	.0	.4
Federal Government	1.5	1.5	1.4	.0	.1
State Government (Includes Education)	1.7	1.6	1.7	.0	-.1
Local Government	16.8	16.8	16.4	-.1	.4
Local Government Education	10.3	10.0	9.9	.2	.3

Hours and Earnings of Production or Nonsupervisory Workers[a]

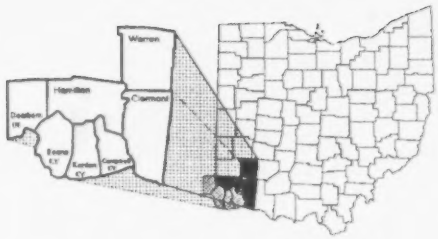
Not Seasonally Adjusted

Canton MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]
Manufacturing	$472.46	$473.05	$473.91	41.7	41.9	42.2	$11.33	$11.29	$11.23
Durable Goods[f]	492.03	496.22	497.08	42.6	43.0	43.0	11.55	11.54	11.56
Primary Metal Industries	531.33	526.28	514.93	44.8	44.6	44.2	11.86	11.80	11.65
Fabricated Metal Products	460.53	459.50	479.55	40.9	41.1	40.4	11.26	11.18	11.87
Electronic and Other Electric Equipment	568.62	569.23	545.79	40.1	40.2	40.7	14.18	14.16	13.41
Nondurable Goods[g]	412.51	400.40	401.37	39.1	38.5	39.7	10.55	10.40	10.11
Food and Kindred Products	420.62	398.33	413.51	39.2	37.9	38.9	10.73	10.51	10.63
Rubber and Miscellaneous Plastics Products	402.56	389.61	400.46	39.7	39.0	41.2	10.14	9.99	9.72
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communications, Electric, Gas Services	632.58	634.53	572.57	42.2	42.5	39.9	14.99	14.93	14.35
Wholesale Trade	389.76	398.34	382.31	38.4	38.9	38.5	10.15	10.24	9.93
Retail Trade[i]	169.74	168.66	171.46	26.9	26.9	28.2	6.31	6.27	6.08
General Merchandise Stores	182.63	181.71	191.81	26.7	27.0	28.8	6.84	6.73	6.66
Food Stores	166.32	163.74	165.41	27.4	27.2	27.8	6.07	6.02	5.95
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health Services	.....	.....	.....	....	....	....	.....	.....	.....
Nursing and Personal Care Facilities	198.16	201.74	181.40	30.3	30.8	29.4	6.54	6.55	6.17

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; industrial machinery and equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

Cincinnati Primary Metropolitan Statistical Area

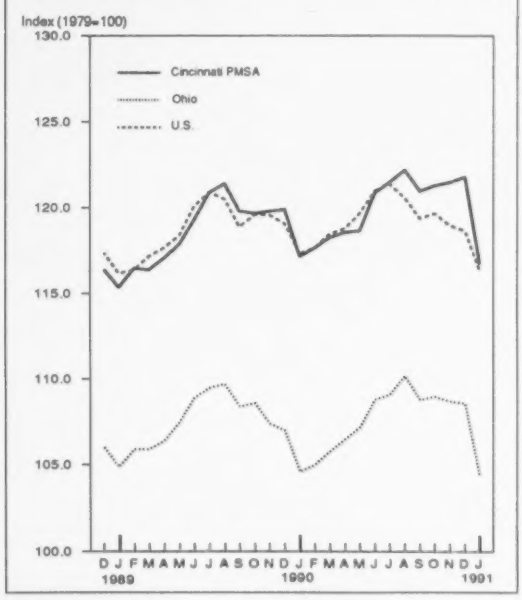


In the Cincinnati metropolitan area, nonfarm payroll employment totaled 737,400 in February 1991, up 100 from the January level. Employment in service-producing industries increased 800 as gains in government and services more than offset seasonal layoffs in retail trade, especially general merchandise stores. Less business in construction and declines among manufacturers of durable goods, particularly transportation equipment and fabricated metal products, lowered the number of jobs in goods-producing industries 700 to 176,900. Factory production workers averaged $12.30 per hour, down fractionally from January. Their average workweek of 42.4 hours was 0.1 hours longer.

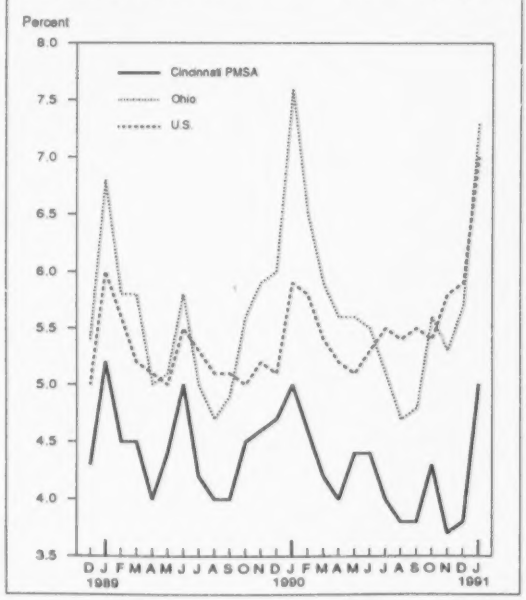
Nonagricultural wage and salary employment advanced 12,800 between February 1990 and February 1991. Expansion in service-producing industries created 14,600 jobs. The leading growth industry was services, especially health, business, and engineering and management services. Noteworthy improvements occurred in local government and transportation and public utilities. Employment in goods-producing industries fell 1,900 below the year-ago level as reductions in construction and durable-goods manufacturing outweighed gains in nondurable goods. Production cutbacks in transportation equipment, electronic and other electric equipment, and industrial machinery and equipment offset growth in chemicals and allied products and printing and publishing.

Seasonally adjusted employment in the Cincinnati area totaled 753,000 in February 1991, up 1,000 from January. Scattered improvements more than offset a decline in retail trade. Since February 1990, nonfarm payroll employment advanced 13,000. Noteworthy growth in services and government outweighed a decline in construction.

Indexes of Total Employment
Cincinnati PMSA, Ohio and U.S. (Not Seasonally Adjusted)



Unemployment Rates
Cincinnati PMSA, Ohio and U.S. (Not Seasonally Adjusted)



Cincinnati PMSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
676.2	628.8	47.5	7.0	1980	600.7	162.4	106.6	$332.07	41.2	$ 8.06
678.5	619.3	59.1	8.7	1981	592.2	157.3	103.5	360.86	41.1	8.78
684.3	612.4	71.9	10.5	1982	575.3	146.3	95.5	387.59	40.5	9.57
687.6	615.2	72.4	10.5	1983	575.6	140.4	97.7	415.52	41.1	10.11
695.9	638.4	57.5	8.3	1984	600.8	145.0	96.5	441.41	41.8	10.56
710.6	659.1	51.5	7.2	1985	628.1	147.1	96.8	441.74	41.4	10.67
727.8	680.7	47.2	6.5	1986	650.8	147.7	95.5	453.00	42.1	10.76
744.2	700.2	44.0	5.9	1987	677.7	146.0	93.4	467.57	42.7	10.95
761.3	722.2	39.0	5.1	1988	701.6	145.7	92.5	476.15	42.4	11.23
780.3	745.4	34.9	4.5	1989	724.5	146.2	92.3	497.64	42.9	11.60
786.9	754.1	32.8	4.2	1990	744.0	148.1	92.9	518.49	43.1	12.03
				1990						
775.0	739.5	35.6	4.6	February	724.7	147.0	92.5	498.53	42.5	11.73
775.5	742.9	32.6	4.2	March	732.2	147.3	92.5	515.70	43.3	11.91
776.7	745.2	31.4	4.0	April	737.7	146.9	92.1	490.73	41.8	11.74
779.9	745.7	34.2	4.4	May	746.6	147.3	92.3	519.60	43.3	12.00
794.3	759.1	35.2	4.4	June	751.5	148.5	93.2	528.00	43.6	12.11
795.1	763.4	31.7	4.0	July	747.0	148.3	93.0	516.86	43.0	12.02
798.0	767.7	30.4	3.8	August	748.3	148.5	93.3	529.83	43.5	12.18
790.3	760.0	30.3	3.8	September	753.3	149.3	93.8	529.48	43.4	12.20
795.9	761.9	34.0	4.3	October	753.9	149.5	93.7	526.25	43.1	12.21
791.9	762.9	29.0	3.7	November	754.6	149.4	93.2	527.47	43.2	12.21
795.2	765.0	30.2	3.8	December	757.6	148.6	92.3	532.29	43.1	12.35
				1991						
772.1	733.7	38.4	5.0	January	737.3	147.3	91.5	521.14	42.3	12.32
INA	INA	INA	INA	February	737.4	147.0	91.1	521.52	42.4	12.30

INA – Information not available

Cincinnati PMSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods-Producing Industries	Construction	Manufacturing		Service-Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
601	188	25	162	1980	413	34	39	102	33	122	84
592	180	22	157	1981	412	33	38	102	33	124	82
575	167	20	146	1982	408	32	37	102	32	124	80
576	161	20	140	1983	414	31	37	105	33	130	79
601	167	22	145	1984	433	32	39	111	34	137	79
628	171	23	147	1985	457	34	41	118	36	147	81
651	174	26	148	1986	477	33	42	122	38	156	85
678	176	30	146	1987	502	36	44	127	40	168	87
702	178	32	146	1988	524	38	45	135	42	176	88
725	180	34	146	1989	544	39	48	141	43	184	90
744	182	34	148	1990	562	41	49	141	44	193	94
				1990							
740	185	36	148	February	555	41	48	141	44	189	93
743	185	36	149	March	558	41	49	141	44	190	93
739	183	34	148	April	557	41	49	141	44	190	93
742	183	34	148	May	560	41	48	140	44	191	95
745	183	34	148	June	562	41	49	141	44	193	94
745	182	33	148	July	564	41	49	141	44	193	96
746	182	34	148	August	565	41	49	141	44	194	95
746	182	33	148	September	564	41	49	141	44	196	94
748	182	32	149	October	567	41	49	141	44	198	94
748	181	33	148	November	567	41	49	141	44	197	95
749	181	33	147	December	569	42	49	142	44	198	95
				1991							
752	182	34	148	January	570	42	48	142	44	198	96
753	183	34	148	February	570	42	48	141	44	198	96

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Cincinnati PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	From Last Month	From Last Year
Total	737.4	737.3	724.7	.1	12.8
Goods-Producing Industries[e]	176.9	177.7	178.8	-.7	-1.9
Construction	29.7	30.1	31.5	-.4	-1.8
Manufacturing	147.0	147.3	147.0	-.3	.0
Durable Goods[f]	77.2	77.6	79.7	-.4	-2.4
Fabricated Metal Products	11.6	11.8	11.8	-.2	-.2
Fabricated Structural Metal Products	4.2	4.3	4.2	-.1	.0
Industrial Machinery and Equipment	18.8	18.7	19.2	.1	-.5
Electronic and Other Electric Equipment	7.5	7.6	8.1	-.1	-.6
Transportation Equipment	24.0	24.4	24.7	-.4	-.7
Motor Vehicles and Equipment	4.8	5.1	4.9	-.3	-.2
Instruments and Related Products	3.8	3.7	3.8	.0	.0
Nondurable Goods[g]	69.7	69.6	67.3	.1	2.4
Food and Kindred Products	12.2	12.2	11.9	.0	.3
Beverages	2.8	2.8	2.8	.0	.0
Apparel and Other Textile Products	3.3	3.4	3.5	.0	-.2
Paper and Allied Products	6.4	6.3	6.1	.1	.3
Printing and Publishing	15.2	15.2	14.4	.0	.8
Commercial Printing	6.5	6.4	5.9	.0	.5
Chemicals and Allied Products	23.7	23.7	22.6	.0	1.1
Rubber and Miscellaneous Plastics Products	6.5	6.4	6.4	.0	.0
Service-Producing Industries	560.5	559.6	545.8	.8	14.6
Transportation and Public Utilities	41.5	41.2	40.2	.3	1.3
Transportation	24.8	24.5	23.8	.3	.9
Trucking and Warehousing	10.4	10.2	10.4	.1	.0
Transportation by Air	7.7	7.6	6.9	.1	.8
Communications, Electric, Gas Services	16.7	16.8	16.4	.0	.3
Communications	10.0	9.9	9.9	.0	.1
Wholesale Trade	48.3	48.4	48.2	-.1	.1
Wholesale Trade-Durable Goods	27.8	27.8	28.0	.0	-.3
Retail Trade	136.8	139.1	136.4	-2.2	.4
General Merchandise Stores	20.6	21.6	20.6	-1.0	-.1
Finance, Insurance, and Real Estate	43.9	43.8	43.0	.1	.9
Finance	17.8	17.9	17.5	.0	.3
Depository Institutions	13.3	13.4	13.2	-.1	.2
Commercial Banks	9.6	9.6	9.3	.0	.3
Insurance	17.3	17.3	17.1	.0	.2
Insurance Carriers	14.6	14.6	14.4	.0	.2
Life Insurance	6.9	6.9	6.8	.0	.1
Fire, Marine, and Casualty Insurance	5.5	5.5	5.3	.0	.2
Services	192.2	191.0	183.0	1.2	9.2
Hotels and Other Lodging Places	7.3	7.2	7.0	.1	.3
Personal Services	9.1	9.0	8.8	.1	.3
Business Services	38.4	38.5	36.2	-.1	2.2
Services to Buildings	6.1	6.0	6.4	.1	-.3
Computer and Data Processing Services	5.4	5.4	4.9	.0	.5
Amusements, Including Motion Pictures	9.1	9.4	8.5	-.2	.7
Health Services	60.1	59.8	57.6	.3	2.5
Nursing and Personal Care Facilities	11.5	11.4	11.2	.1	.3
Hospitals	28.6	28.4	27.6	.1	.9
Legal Services	4.3	4.3	4.2	.0	.2
Educational Services	7.9	7.4	7.4	.4	.5
Social Services	13.3	13.3	12.7	.1	.6
Residential Care	4.8	4.8	4.7	.0	.1
Engineering and Management Services	18.5	18.2	17.2	.3	1.3
Engineering and Architectural Services	6.2	6.2	5.8	.0	.4
Government	97.8	96.2	95.0	1.6	2.7
Federal Government	17.0	16.2	17.4	.8	-.4
State Government	22.2	21.9	21.7	.3	.5
State Government Education[h]	14.2	13.9	13.7	.3	.5
Local Government	58.6	58.0	55.9	.6	2.7
Local Government Education	34.5	33.9	32.7	.6	1.8

Hours and Earnings of Production or Nonsupervisory Workers[a]

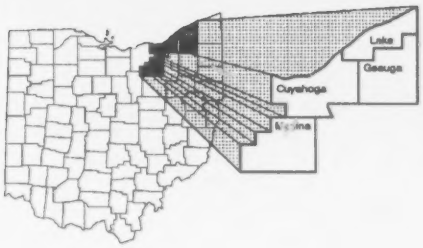
Not Seasonally Adjusted

Cincinnati PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]
Manufacturing	$521.52	$521.14	$498.53	42.4	42.3	42.5	$12.30	$12.32	$11.73
Durable Goods[f]	502.74	504.53	492.20	42.0	41.8	42.8	11.97	12.07	11.50
Fabricated Metal Products	430.31	421.67	420.89	41.9	41.3	42.6	10.27	10.21	9.88
Fabricated Structural Metal Products	450.85	448.81	451.19	41.4	41.1	43.3	10.89	10.92	10.42
Industrial Machinery and Equipment	475.57	476.70	476.50	41.9	42.0	43.2	11.35	11.35	11.03
Electronic and Other Electric Equipment	396.76	389.09	368.55	41.2	40.7	40.5	9.63	9.56	9.10
Transportation Equipment	706.26	731.02	731.25	42.7	43.8	45.0	16.54	16.69	16.25
Motor Vehicles and Equipment	687.60	752.00	744.72	39.7	42.2	43.5	17.32	17.82	17.12
Instruments and Related Products	445.55	439.66	363.79	44.6	44.5	42.4	9.99	9.88	8.58
Nondurable Goods[g]	538.02	536.28	504.71	42.7	42.8	42.2	12.60	12.53	11.96
Food and Kindred Products	509.07	511.97	484.78	42.6	42.7	41.9	11.95	11.99	11.57
Beverages	570.04	567.42	567.06	40.4	40.3	42.7	14.11	14.08	13.28
Apparel and Other Textile Products	256.96	254.22	248.96	37.9	38.0	38.9	6.78	6.69	6.40
Paper and Allied Products	464.10	454.84	453.53	42.0	41.5	41.8	11.05	10.96	10.85
Printing and Publishing	532.14	502.45	532.59	42.1	40.1	43.3	12.64	12.53	12.30
Commercial Printing	590.44	543.58	575.51	45.7	42.6	46.3	12.92	12.76	12.43
Chemicals and Allied Products	687.04	695.06	605.47	45.2	46.0	42.4	15.20	15.11	14.28
Rubber and Miscellaneous Plastics Products	387.20	393.31	427.98	40.0	40.8	43.1	9.68	9.64	9.93
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communications, Electric, Gas Services	601.90	596.90	568.79	40.1	39.9	39.2	15.01	14.96	14.51
Communications	589.34	583.25	575.19	38.9	38.6	38.5	15.15	15.11	14.94
Wholesale Trade	442.18	441.78	437.73	39.2	39.2	39.4	11.28	11.27	11.11
Retail Trade[i]	176.09	176.73	170.84	27.3	27.4	27.6	6.45	6.45	6.19
General Merchandise Stores	231.65	226.27	209.20	30.4	29.5	29.3	7.62	7.67	7.14
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	.....	.....	.....	....	....	....	.....	.....	.....
Depository Institutions	298.50	296.66	302.94	....	....	....	.....	.....	.....
Commercial Banks	266.34	269.35	272.10	....	....	....	.....	.....	.....
Insurance	.....	.....	.....	....	....	....	.....	.....	.....
Insurance Carriers	419.96	421.61	409.27	....	....	....	.....	.....	.....
Life Insurance	415.83	418.77	420.00	....	....	....	.....	.....	.....
Fire, Marine, and Casualty Insurance	449.91	449.89	421.73	....	....	....	.....	.....	.....
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health Services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	439.82	437.45	428.04	32.7	32.5	32.6	13.45	13.46	13.13
Engineering and Management Services	.....	.....	.....	....	....	....	.....	.....	.....
Engineering and Architectural Services	676.48	680.96	653.54	41.4	41.7	41.0	16.34	16.33	15.94

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

Cleveland Primary Metropolitan Statistical Area

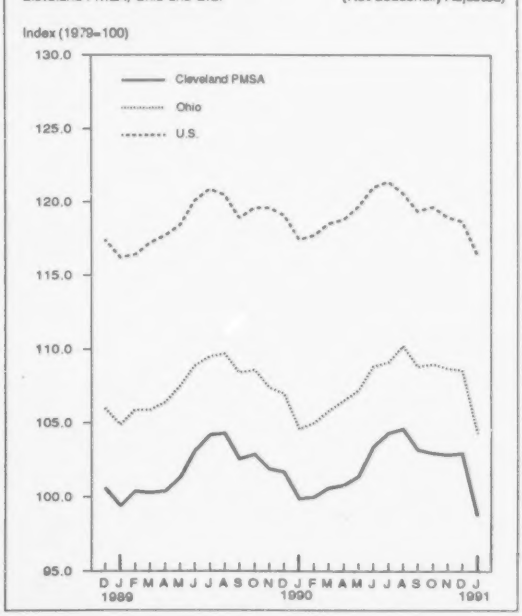


Nonfarm wage and salary employment in the Cleveland metropolitan area dropped 6,000 below the January level to 926,400 in February 1991. Temporary layoffs among manufacturers of durable goods, particularly transportation equipment and primary metal industries, lowered employment in goods-producing industries 5,200 to 229,500. The number of employees in service-producing industries declined 800 over the month as the release of seasonal workers in retail trade, especially general merchandise stores, overshadowed gains in services. Manufacturing production workers averaged $11.98 per hour, down 23 cents from January. Their average workweek of 41.2 hours was 0.6 hours shorter.

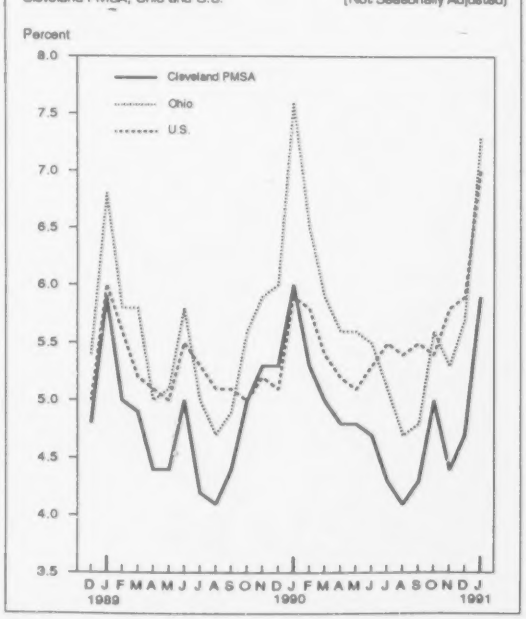
Nonagricultural payroll employment declined 1,300 between February 1990 and February 1991. Employment in goods-producing industries dropped 7,700 due to over-the-year production cutbacks in durable-goods manufacturing. Significant reductions were posted in transportation equipment (-3,000), primary metal industries (-2,500), and industrial machinery and equipment (-1,300). Expansion in service-producing industries created 6,400 jobs. Leading growth industries were services (+4,500) and retail trade (+1,700).

Seasonally adjusted employment in the Cleveland area totaled 947,000 in February 1991, down 4,000 from January mainly due to current temporary layoffs in manufacturing. Since February 1990, nonfarm payroll employment declined 1,000. Significant cutbacks in manufacturing and a nominal decrease in construction negated growth in services and retail trade.

Indexes of Total Employment
Cleveland PMSA, Ohio and U.S. (Not Seasonally Adjusted)



Unemployment Rates
Cleveland PMSA, Ohio and U.S. (Not Seasonally Adjusted)



Cleveland PMSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
937.1	869.1	68.0	7.3	1980	895.7	254.9	169.2	$350.38	40.6	$ 8.63
933.9	854.0	79.8	8.5	1981	880.7	246.8	161.8	395.38	41.1	9.62
933.4	833.2	100.2	10.7	1982	844.6	223.0	141.8	402.99	39.9	10.10
928.7	823.4	105.3	11.3	1983	829.8	207.3	132.4	427.41	40.9	10.45
923.6	841.0	82.6	8.9	1984	854.5	213.8	137.5	456.12	42.0	10.86
926.0	849.2	76.8	8.3	1985	868.7	211.2	135.1	467.74	41.8	11.19
932.8	862.7	70.1	7.5	1986	879.2	204.9	131.5	481.62	42.1	11.44
927.0	869.0	58.0	6.3	1987	891.6	200.6	128.3	496.35	42.9	11.57
936.5	885.0	51.4	5.5	1988	911.3	203.3	131.1	508.65	43.4	11.72
951.7	905.7	46.0	4.8	1989	935.8	207.6	133.7	509.87	43.1	11.83
954.8	909.1	45.7	4.8	1990	950.2	206.6	131.7	517.95	42.7	12.13
				1990						
938.9	888.9	49.9	5.3	February	927.7	206.3	132.1	502.60	42.2	11.91
941.3	894.5	46.8	5.0	March	936.9	206.9	132.4	522.88	43.0	12.16
941.1	896.2	44.9	4.8	April	940.9	206.8	132.2	498.78	41.6	11.99
947.2	901.7	45.6	4.8	May	953.2	207.0	132.3	531.72	43.3	12.28
965.0	919.7	45.3	4.7	June	965.2	208.6	133.3	534.25	43.4	12.31
969.0	926.9	42.1	4.3	July	962.7	207.8	132.2	514.74	42.4	12.14
969.6	930.3	39.4	4.1	August	956.3	206.1	131.1	518.38	42.7	12.14
958.0	917.2	40.8	4.3	September	960.3	207.4	133.0	530.56	43.1	12.31
964.4	915.9	48.5	5.0	October	959.4	207.6	132.4	527.24	42.9	12.29
956.7	914.6	42.2	4.4	November	956.5	205.2	129.5	518.87	42.6	12.18
960.9	915.4	45.5	4.7	December	957.6	204.5	128.7	516.01	42.4	12.17
				1991						
934.0	878.6	55.4	5.9	January	932.4	204.1	128.3	510.38	41.8	12.21
INA	INA	INA	INA	February	926.4	199.3	123.7	493.58	41.2	11.98

INA – Information not available

Cleveland PMSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods-Producing Industries	Construction	Manufacturing		Service-Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
896	286	30	255	1980	610	46	64	141	48	188	123
881	276	28	247	1981	605	45	63	137	48	192	120
845	249	25	223	1982	595	43	61	134	48	192	117
830	234	25	207	1983	596	41	59	136	48	196	116
854	243	28	214	1984	612	42	62	141	49	204	115
869	240	28	211	1985	629	41	63	146	50	213	116
879	232	26	205	1986	647	41	62	150	52	225	116
892	230	28	201	1987	662	41	61	154	55	233	117
911	234	29	203	1988	678	41	64	157	56	243	116
936	241	33	208	1989	694	42	65	159	57	253	118
950	242	35	207	1990	708	43	65	163	58	260	120
				1990							
948	244	36	208	February	704	43	65	162	58	257	120
953	245	36	208	March	708	43	65	162	58	259	121
948	243	35	208	April	704	43	65	162	58	257	120
951	242	34	207	May	709	43	65	162	58	259	122
954	243	35	207	June	711	43	65	163	58	260	122
953	243	35	208	July	709	43	65	163	58	261	118
949	242	35	206	August	708	43	65	164	58	263	114
953	242	34	207	September	711	43	65	164	58	262	120
952	242	34	207	October	710	43	65	164	58	260	120
948	239	34	204	November	709	42	65	163	58	261	119
948	239	35	203	December	709	43	65	163	58	261	119
				1991							
951	240	34	205	January	711	43	65	164	58	261	120
947	237	35	201	February	710	43	65	163	58	261	120

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Cleveland PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	From Last Month	From Last Year
Total	926.4	932.4	927.7	-6.0	-1.3
Goods-Producing Industries[e]	229.5	234.7	237.2	-5.2	-7.7
Construction	29.4	29.7	30.1	-.3	-.7
Special Trade Contractors	20.6	20.8	21.0	-.2	-.4
Manufacturing	199.3	204.1	206.3	-4.8	-7.0
Durable Goods[f]	133.7	138.2	140.8	-4.5	-7.2
Stone, Clay, and Glass Products	3.4	3.5	3.4	-.1	.0
Primary Metal Industries	17.9	19.8	20.4	-1.9	-2.5
Iron and Steel Foundries	2.5	4.4	4.4	-1.8	-1.9
Fabricated Metal Products	34.0	33.9	34.1	.1	.0
Screw Machine Products, Bolts, etc.	5.2	5.2	5.2	.0	.0
Metal Forgings and Stampings	10.7	10.6	11.0	.1	-.3
Industrial Machinery and Equipment	32.2	32.8	33.6	-.5	-1.3
Metalworking Machinery	12.5	12.7	13.0	-.2	-.5
Electronic and Other Electric Equipment	15.1	15.1	15.6	-.1	-.5
Electrical Industrial Apparatus	4.1	4.1	4.3	.0	-.2
Electric Lighting and Wiring Equipment	5.1	5.1	5.3	.0	-.2
Transportation Equipment	16.3	18.4	19.4	-2.1	-3.0
Motor Vehicles and Equipment	8.9	11.0	11.9	-2.1	-2.9
Instruments and Related Products	7.3	7.3	7.2	-.1	.1
Measuring and Controlling Devices	5.1	5.2	4.8	.0	.3
Nondurable Goods[g]	65.6	65.9	65.5	-.3	.1
Food and Kindred Products	6.5	6.5	6.5	.0	.0
Apparel and Other Textile Products	3.3	3.3	3.3	.0	.0
Paper and Allied Products	5.9	5.9	5.9	.0	.0
Printing and Publishing	17.6	17.7	16.9	-.1	.7
Chemicals and Allied Products	14.8	14.8	15.1	.0	-.3
Rubber and Miscellaneous Plastics Products	11.3	11.5	11.6	-.2	-.3
Miscellaneous Plastics Products	7.5	7.6	7.1	-.1	.4
Service-Producing Industries	696.9	697.7	690.5	-.8	6.4
Transportation and Public Utilities	41.4	41.8	41.7	-.4	-.2
Transportation	24.2	24.6	23.9	-.4	.3
Trucking and Warehousing	11.1	11.1	11.2	.0	-.1
Transportation by Air	5.5	5.5	5.2	.0	.3
Communications, Electric, Gas Services	17.2	17.2	17.8	.0	-.6
Communications	10.3	10.3	10.5	.0	-.2
Electric, Gas, and Sanitary Services	7.0	7.0	7.3	.0	-.3
Wholesale Trade	64.1	64.4	64.1	-.3	-.1
Wholesale Trade-Durable Goods	44.0	44.2	43.9	-.2	.1
Motor Vehicles, Parts, and Supplies	4.1	4.1	4.1	-.1	.0
Professional and Commercial Equipment	8.9	8.9	9.3	.0	-.4
Retail Trade	158.5	161.1	156.7	-2.7	1.7
General Merchandise Stores	19.3	20.5	19.9	-1.2	-.6
Finance, Insurance, and Real Estate	57.9	57.7	57.1	.2	.9
Finance	27.5	27.5	27.8	.1	-.3
Depository Institutions	20.2	20.2	20.4	.0	-.2
Commercial Banks	12.8	12.8	12.9	.0	.0
Insurance	19.2	19.1	18.5	.0	.6
Insurance Carriers	14.5	14.5	13.9	.0	.6
Fire, Marine, and Casualty Insurance	6.3	6.3	6.2	.0	.1
Services	255.5	253.9	250.9	1.5	4.5
Business Services	50.5	50.6	50.1	-.1	.4
Personnel Supply Services	18.0	18.0	18.6	.1	-.6
Computer and Data Processing Services	6.7	6.7	6.3	.0	.4
Amusements, Including Motion Pictures	9.5	9.6	9.8	-.1	-.3
Health Services	80.5	80.3	79.1	.2	1.4
Nursing and Personal Care Facilities	14.4	14.3	13.9	.1	.5
Hospitals	43.0	43.0	43.3	.0	-.3
Legal Services	9.8	9.8	9.6	.0	.2
Educational Services	18.8	17.9	18.5	.8	.3
Social Services	15.3	15.3	14.4	.0	.9
Residential Care	4.2	4.2	3.9	.0	.3
Engineering and Management Services	22.5	22.3	22.3	.2	.2
Engineering and Architectural Services	8.4	8.3	8.4	.1	.0
Accounting, Auditing, and Bookkeeping	6.3	6.2	6.4	.1	-.1
Management and Public Relations	5.1	5.1	4.9	.0	.2
Government	119.5	118.7	119.9	.8	-.4
Federal Government	19.7	19.7	20.3	.0	-.6
State Government	8.5	8.1	8.3	.4	.2
State Government Education[h]	3.5	3.1	3.4	.4	.1
Local Government	91.4	90.9	91.3	.5	.1
Local Government Education	45.9	45.3	47.1	.6	-1.2

Hours and Earnings of Production or Nonsupervisory Workers[a]

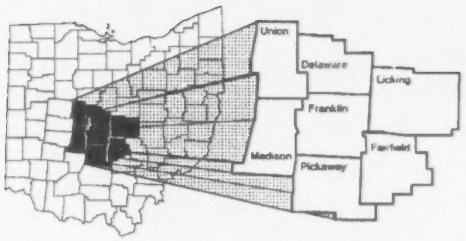
Not Seasonally Adjusted

Cleveland PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]
Manufacturing	$493.58	$510.38	$502.60	41.2	41.8	42.2	$11.98	$12.21	$11.91
Durable Goods[f]	517.50	536.78	530.33	41.7	42.2	42.7	12.41	12.72	12.42
Stone, Clay, and Glass Products	483.06	506.65	479.35	41.5	42.9	40.9	11.64	11.81	11.72
Primary Metal Industries	488.33	569.26	512.74	42.5	44.3	42.8	11.49	12.85	11.98
Iron and Steel Foundries	740.51	867.10	765.62	41.3	46.0	43.8	17.93	18.85	17.48
Fabricated Metal Products	543.93	553.84	534.24	42.1	42.9	42.4	12.92	12.91	12.60
Screw Machine Products, Bolts, etc.	491.88	530.42	504.36	41.3	43.8	42.1	11.91	12.11	11.98
Metal Forgings and Stampings	676.67	676.67	676.71	42.8	42.8	43.8	15.81	15.81	15.45
Industrial Machinery and Equipment	512.36	509.09	528.06	42.1	41.9	44.3	12.17	12.15	11.92
Metalworking Machinery	478.31	477.50	562.27	40.5	40.5	46.7	11.81	11.79	12.04
Electronic and Other Electric Equipment	427.03	434.43	422.24	40.4	41.1	40.6	10.57	10.57	10.40
Electrical Industrial Apparatus	427.22	443.28	439.30	41.0	42.5	41.6	10.42	10.43	10.56
Electric Lighting and Wiring Equipment	420.42	421.13	370.26	38.5	38.6	37.4	10.92	10.91	9.90
Transportation Equipment	669.50	685.17	704.69	41.2	41.4	43.1	16.25	16.55	16.35
Motor Vehicles and Equipment	714.08	726.35	759.56	39.3	39.8	42.6	18.17	18.25	17.83
Instruments and Related Products	443.35	430.40	447.69	40.6	40.0	41.3	10.92	10.76	10.84
Measuring and Controlling Devices	447.17	448.92	458.13	40.8	40.7	41.8	10.96	11.03	10.96
Nondurable Goods[g]	440.59	444.44	433.54	40.2	40.7	40.9	10.96	10.92	10.60
Food and Kindred Products	455.66	450.47	438.00	39.9	39.9	40.0	11.42	11.29	10.95
Apparel and Other Textile Products	385.61	377.95	367.30	38.6	38.1	38.3	9.99	9.92	9.59
Paper and Allied Products	515.83	525.23	516.73	43.9	44.7	44.7	11.75	11.75	11.56
Printing and Publishing	393.07	367.55	371.48	37.4	37.3	37.0	10.51	10.39	10.04
Chemicals and Allied Products	540.47	550.51	541.03	41.1	41.8	42.5	13.15	13.17	12.73
Rubber and Miscellaneous Plastics Products	358.40	374.18	377.64	40.0	41.3	42.1	8.96	9.06	8.97
Miscellaneous Plastics Products	361.89	385.63	391.82	39.9	41.6	43.2	9.07	9.27	9.07
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Transportation	.....	.....	.....	....	....	....	.....	.....	.....
Trucking and Warehousing	487.76	484.39	467.17	33.5	33.2	34.2	14.56	14.59	13.66
Communications, Electric, Gas Services	690.64	689.77	625.87	43.3	43.3	40.8	15.95	15.93	15.34
Wholesale Trade	465.56	469.20	458.60	38.7	39.1	39.5	12.03	12.00	11.61
Retail Trade[i]	195.53	193.56	184.95	27.5	27.3	27.0	7.11	7.09	6.85
General Merchandise Stores	198.72	195.68	182.38	28.8	28.4	27.1	6.90	6.89	6.73
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	324.45	323.79	321.26	....	....	....	.....	.....	.....
Depository Institutions	295.49	293.65	294.47	....	....	....	.....	.....	.....
Commercial Banks	286.25	285.64	290.24	....	....	....	.....	.....	.....
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health Services	341.64	340.70	326.86	31.2	31.2	31.1	10.95	10.92	10.51
Nursing and Personal Care Facilities	260.95	257.22	230.21	34.2	33.8	32.7	7.63	7.61	7.04
Hospitals	373.30	373.01	359.96	30.3	30.4	30.3	12.32	12.27	11.88

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

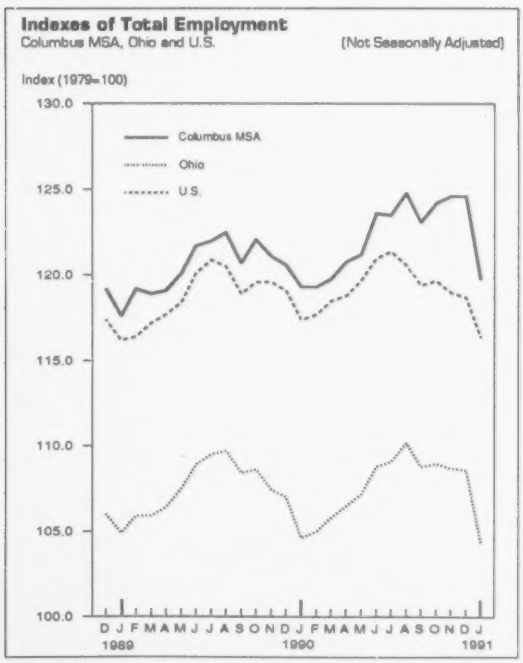
Columbus Metropolitan Statistical Area

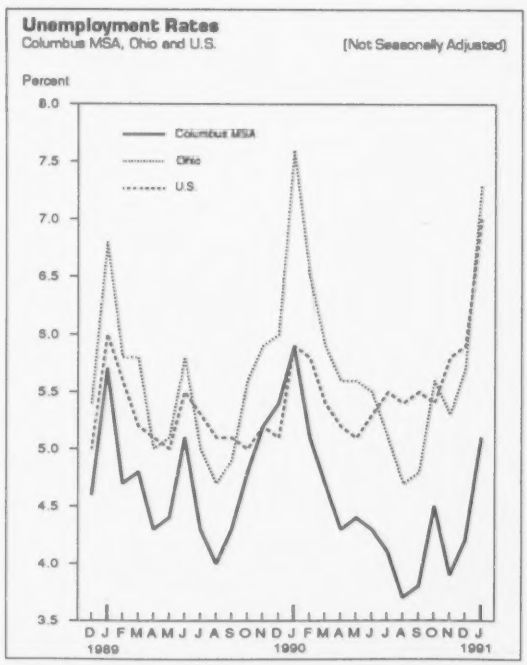


Nonagricultural payroll employment in the Columbus metropolitan area totaled 716,900 in February 1991, down 500 from the January level. Scattered declines in manufacturing, especially fabricated metal products, and less business in construction reduced employment in goods-producing industries 800 to 130,000. The number of jobs in service-producing industries increased 300 over the month. Gains in services and the partial return of nonteaching personnel in state and local schools and colleges more than offset seasonal decreases in retail trade, particularly general merchandise stores. Manufacturing production workers averaged $12.73 per hour, up fractionally from January. Their average workweek of 41.5 hours was 0.2 hours shorter.

Nonfarm wage and salary employment advanced 12,600 between February 1990 and February 1991. Employment in the service-producing sector rose 13,400. A major portion of the growth occurred in services, primarily business and health services, and in local and state government. Noteworthy growth was posted in retail trade and finance, insurance, and real estate. The workforce in goods-producing industries decreased 700 during the period as declines in construction employment negated nominal gains in manufacturing. Over-the-year improvements in transportation equipment, food and kindred products, and printing and publishing offset reductions in fabricated metal products and stone, clay, and glass products.

Seasonally adjusted employment in the Columbus area declined 2,000 from January to 727,000 in February 1991 mainly due to nominal decreases in manufacturing and government. Since February 1990, total nonfarm payroll employment advanced 12,000. The improvement was concentrated in the service-producing sector, especially services. Noteworthy gains were posted in government, retail trade, and finance, insurance, and real estate. Employment in construction declined.





Columbus MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA	INA
INA	INA	INA	INA	1981	556.9	109.1	INA	INA	INA	INA
INA	INA	INA	INA	1982	544.0	101.0	INA	INA	INA	INA
647.7	587.4	60.3	9.3	1983	548.5	98.7	INA	INA	INA	INA
633.5	584.3	49.2	7.8	1984	576.4	104.7	69.3	$426.05	40.5	$10.52
649.4	605.6	43.8	6.7	1985	603.6	106.1	70.8	442.95	40.9	10.83
676.2	634.9	41.3	6.1	1986	630.7	105.8	70.4	461.14	41.1	11.22
694.9	657.2	37.7	5.4	1987	658.0	103.9	68.7	473.52	41.5	11.41
711.2	676.2	35.0	4.9	1988	680.5	102.6	67.9	479.33	41.5	11.55
730.3	395.6	34.7	4.8	1989	704.7	104.9	69.5	500.82	41.7	12.01
739.5	706.9	32.6	4.4	1990	722.7	104.5	69.7	522.48	42.0	12.44
				1990						
726.2	689.0	37.3	5.1	February	704.3	103.6	69.1	520.36	42.1	12.36
725.6	691.8	33.8	4.7	March	709.5	103.9	69.6	512.10	41.6	12.31
728.8	697.6	31.2	4.3	April	716.5	104.5	70.0	501.43	40.9	12.26
732.7	700.1	32.6	4.4	May	723.3	104.3	69.7	514.58	41.7	12.34
745.8	713.6	32.2	4.3	June	731.9	105.3	70.3	520.80	42.0	12.40
744.1	713.2	30.9	4.1	July	722.0	103.8	68.7	524.15	42.1	12.45
748.3	720.9	27.4	3.7	August	724.3	105.1	70.0	515.41	41.7	12.36
739.5	711.1	28.4	3.8	September	728.2	105.6	70.7	529.61	42.2	12.55
750.9	717.2	33.7	4.5	October	735.2	106.1	70.7	530.88	42.1	12.61
748.9	719.6	29.3	3.9	November	737.1	105.0	69.7	541.40	42.9	12.62
751.7	719.8	31.9	4.2	December	737.3	104.6	69.4	549.11	43.0	12.77
				1991						
728.8	691.7	37.1	5.1	January	717.4	104.3	69.3	529.59	41.7	12.70
INA	INA	INA	INA	February	716.9	103.7	68.8	528.30	41.5	12.73

INA – Information not available

Columbus MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods-Producing Industries	Construction	Manufacturing		Service-Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
560	135	21	113	1980	425	27	29	101	40	113	115
557	130	19	109	1981	427	26	29	101	42	116	113
544	118	16	101	1982	426	25	28	100	44	117	111
548	117	17	99	1983	432	25	29	103	45	120	110
576	125	19	105	1984	451	26	31	110	47	127	110
604	129	22	106	1985	475	26	32	119	49	136	112
631	131	24	106	1986	500	27	32	125	54	146	116
658	132	27	104	1987	526	28	34	133	57	154	119
680	133	29	103	1988	548	30	36	138	59	162	123
705	135	30	105	1989	569	31	37	145	60	172	125
723	135	29	105	1990	588	31	36	148	61	183	129
				1990							
715	135	30	104	February	579	31	36	148	60	178	127
717	136	31	105	March	581	31	36	148	60	178	128
718	135	29	105	April	583	31	36	146	61	180	129
720	135	29	105	May	585	31	36	146	61	181	130
725	136	30	105	June	590	31	36	147	61	184	130
726	134	29	104	July	593	31	36	148	61	185	132
728	135	29	105	August	592	31	36	149	61	186	130
726	135	29	105	September	591	31	36	149	61	186	130
727	135	29	106	October	592	31	36	149	61	186	130
728	134	29	104	November	593	31	36	149	61	186	130
727	134	29	104	December	593	31	36	149	61	186	130
				1991							
729	135	29	105	January	594	31	36	149	61	187	130
727	135	29	104	February	593	31	36	149	61	187	129

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Columbus MSA

	Employment (in thousands)			Change[d] (in thousands)	
	Feb. 1991[b]	Jan. 1991[c]	Feb 1990[c]	From Last Month	From Last Year
Total	716.9	717.4	704.3	-.5	12.6
Goods-Producing Industries[e]	130.0	130.8	130.7	-.8	-.7
Construction	25.4	25.6	26.2	-.3	-.9
Manufacturing	103.7	104.3	103.6	-.6	.1
Durable Goods[f]	65.2	65.7	65.8	-.5	-.6
Stone, Clay, and Glass Products	9.1	8.9	9.7	.2	-.6
Glass and Glassware, Pressed or Blown	3.6	3.4	3.6	.2	.0
Fabricated Metal Products	8.9	9.3	9.8	-.4	-.9
Industrial Machinery and Equipment	10.0	10.0	9.8	.0	.2
Electronic and Other Electric Equipment	9.7	9.8	9.5	-.1	.2
Transportation Equipment	15.7	15.8	14.6	-.1	1.0
Motor Vehicles and Equipment	14.0	14.1	13.2	-.1	.8
Instruments and Related Products	4.2	4.2	4.6	.0	-.4
Nondurable Goods[g]	38.5	38.5	37.8	-.1	.7
Food and Kindred Products	10.7	10.6	10.3	.1	.4
Dairy Products	4.1	4.1	3.7	.0	.4
Printing and Publishing	10.9	10.9	10.5	-.1	.3
Chemicals and Allied Products	6.7	6.7	6.9	.0	-.2
Rubber and Miscellaneous Plastics Products	6.1	6.2	5.9	-.1	.2
Service-Producing Industries	587.0	586.6	573.6	.3	13.4
Transportation and Public Utilities	30.2	30.5	30.4	-.3	-.2
Transportation	17.5	17.7	17.8	-.3	-.3
Trucking and Warehousing	12.5	12.6	12.4	-.2	.1
Communications, Electric, Gas Services	12.7	12.7	12.6	.0	.1
Communications	7.9	7.9	7.9	.0	.0
Electric, Gas, and Sanitary Services	4.8	4.8	4.7	.0	.1
Wholesale Trade	35.6	35.6	35.9	.0	-.3
Wholesale Trade-Durable Goods	22.4	22.5	22.9	.0	-.5
Motor Vehicles, Parts, and Supplies	2.9	3.0	3.0	.0	-.1
Machinery, Equipment, and Supplies	4.8	4.8	5.3	.0	-.4
Wholesale Trade-Nondurable Goods	13.2	13.2	13.0	.0	.2
Retail Trade	144.7	146.7	143.8	-2.0	.9
General Merchandise Stores	20.3	21.4	20.5	-1.1	-.2
Food Stores	16.6	16.8	16.5	-.2	.1
Automotive Dealers and Service Stations	13.9	14.1	13.7	-.1	.2
Finance, Insurance, and Real Estate	60.6	60.4	59.7	.2	.9
Finance	24.1	24.2	24.1	-.1	.0
Depository Institutions	13.4	13.5	13.8	-.1	-.4
Commercial Banks	11.3	11.3	11.4	-.1	-.1
Insurance	27.0	26.9	26.8	.1	.2
Insurance Carriers	23.0	22.9	22.8	.1	.2
Services	184.2	182.6	175.0	1.6	9.3
Business Services	42.5	42.4	37.8	.1	4.7
Personnel Supply Services	16.8	16.8	13.0	.0	3.8
Health Services	47.6	47.4	45.6	.2	2.0
Nursing and Personal Care Facilities	8.5	8.4	8.0	.1	.5
Hospitals	22.2	22.2	21.5	.0	.7
Legal Services	4.6	4.5	4.5	.0	.1
Educational Services	8.4	7.9	8.1	.5	.2
Social Services	13.7	13.6	12.9	.1	.8
Engineering and Management Services	18.4	18.4	18.2	.1	.2
Engineering and Architectural Services	5.1	5.1	4.7	.0	.4
Accounting, Auditing, and Bookkeeping	4.0	4.0	4.1	.0	-.1
Research and Testing Services	5.7	5.7	5.9	.0	-.2
Government	131.6	130.7	128.8	.9	2.8
Federal Government	16.0	16.0	16.3	.0	-.3
State Government	57.2	56.7	56.2	.6	1.0
State Government Education[h]	24.1	23.5	23.6	.6	.5
Local Government	58.4	58.0	56.3	.3	2.1
Local Government Education	36.0	35.6	34.4	.4	1.5

Hours and Earnings of Production or Nonsupervisory Workers[a]

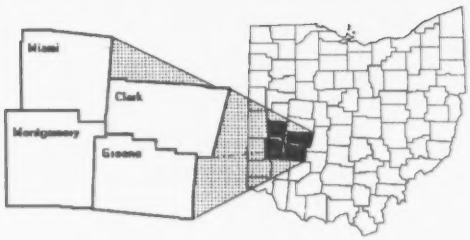
Not Seasonally Adjusted

Columbus MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]
Manufacturing	$528.30	$529.59	$520.36	41.5	41.7	42.1	$12.73	$12.70	$12.36
Durable Goods[f]	544.32	541.77	537.63	42.0	41.9	42.4	12.96	12.93	12.68
Stone, Clay, and Glass Products	530.50	529.05	509.22	43.2	42.7	42.4	12.28	12.39	12.01
Glass and Glassware, Pressed or Blown	465.92	446.16	465.04	41.6	39 8	42.2	11.20	11.21	11.02
Fabricated Metal Products	512.08	543.02	517.45	40.1	41.2	41.1	12.77	13.18	12.59
Industrial Machinery and Equipment	537.07	541.58	507.36	43.0	43.5	42.0	12.49	12.45	12.08
Electronic and Other Electric Equipment	549.54	541.85	519.09	42.6	42.2	42.9	12.90	12.84	12.10
Transportation Equipment	641.99	607.13	674.19	43.0	41.9	45.4	14.93	14.49	14.85
Motor Vehicles and Equipment	652.75	602.15	677.50	43.2	41.3	45.5	15.11	14.58	14.89
Instruments and Related Products	411.09	430.80	403.52	38.6	40.0	38.8	10.65	10.77	10.40
Nondurable Goods[g]	494.90	504.29	485.97	40.4	41.2	41.5	12.25	12.24	11.71
Food and Kindred Products	435.78	456.96	423.72	40.5	42.0	40.9	10.76	10.88	10.36
Dairy Products	673.06	699.44	630.85	46.1	47.1	44.9	14.60	14.85	14.05
Printing and Publishing	569.84	574.23	542.49	39.6	40.1	39.0	14.39	14.32	13.91
Chemicals and Allied Products	672.52	685.39	634.30	43.0	43.6	42.8	15.64	15.72	14.82
Rubber and Miscellaneous Plastics Products	387.89	390.74	412.46	39.5	40.2	43.6	9.82	9.72	9.46
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Transportation	.....	.....	.....	....	....	....	.....	.....	.....
Trucking and Warehousing	437.14	416.35	450.92	33.6	32.2	34.5	13.01	12.93	13.07
Communications, Electric, Gas Services	690.61	692.61	660.11	44.1	44.2	43.4	15.66	15.67	15.21
Communications	684.64	684.64	576.24	44.0	44.0	39.2	15.56	15.56	14.70
Electric, Gas, and Sanitary Services	699.69	703.30	806.70	44.2	44.4	50.8	15.83	15.84	15.88
Wholesale Trade	412.83	415.25	400.67	38.8	38.7	38.6	10.64	10.73	10.38
Retail Trade[i]	179.21	183.01	180.61	26.2	26.6	27.2	6.84	6.88	6.64
General Merchandise Stores	209.94	213.50	204.33	27.3	27.8	28.3	7.69	7.68	7.22
Food Stores	186.09	189.66	185.33	26.1	26.6	26.4	7.13	7.13	7.02
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	484.54	487.87	447.14	....	....	....	.....	.....	.....
Depository Institutions	298.72	303.40	291.92	....	....	....	.....	.....	.....
Commercial Banks	299.44	302.09	292.42	....	....	....	.....	.....	.....
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health Services	.....	.....	.....	....	....	....	.....	.....	.....
Nursing and Personal Care Facilities	242.56	246.78	227.52	32.0	32.6	32.0	7.58	7.57	7.11
Hospitals	386.93	389.04	401.65	33.5	33.8	34.3	11.55	11.51	11.71
Engineering and Management Services	.....	.....	.....	....	....	....	.....	.....	.....
Engineering and Architectural Services	508.36	506.82	485.69	38.6	38.6	38.7	13.17	13.13	12.55

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [h]Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

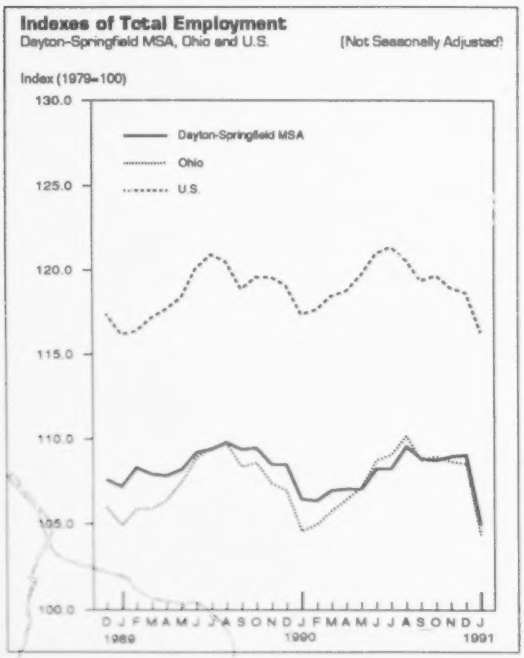
Dayton-Springfield Metropolitan Statistical Area

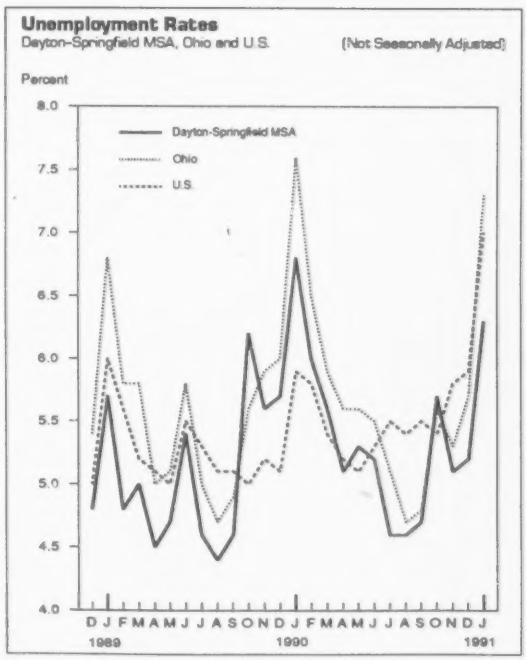


Total nonfarm payroll employment in the Dayton-Springfield metropolitan area dropped 1,000 below the January level to 444,500 in February 1991. Decreased production in manufacturing and less business in construction lowered employment in goods-producing industries 1,800 to 112,200. Noteworthy reductions were posted in industrial machinery and equipment, transportation equipment, and rubber and miscellaneous plastics products. Employment in service-producing industries increased 800 over the month. Gains in services more than offset seasonal layoffs in retail trade. Manufacturing production workers averaged $13.47 per hour, down 15 cents from January. Their average workweek of 40.8 hours was 0.5 hours shorter.

Nonagricultural wage and salary employment declined 600 between February 1990 and February 1991. The number of jobs in goods-producing industries fell 5,000 below the year-ago level with cutbacks in manufacturing and construction. Moderate losses occurred in industrial machinery and equipment, transportation equipment, fabricated metal products, and printing and publishing. Expansion in the service-producing sector added 4,400 employees to the workforce. Leading growth industries were services (+2,300) and retail trade (+1,200).

Seasonally adjusted employment in the Dayton-Springfield area totaled 451,000 in February 1991, down 1,000 from January. Scattered declines, especially in manufacturing, negated nominal gains in transportation and public utilities and services. Since February 1990, nonfarm payroll employment decreased 1,000. Over-the-year losses in manufacturing and construction negated growth in service-producing industries, particularly services.





Dayton–Springfield MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
INA	INA	INA	INA	1980	397.1	110.9	INA	INA	INA	INA
INA	INA	INA	INA	1981	393.2	109.9	INA	INA	INA	INA
INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA	INA
438.5	391.9	46.6	10.6	1983	372.3	95.5	INA	INA	INA	INA
440.1	404.8	35.2	8.0	1984	392.7	103.7	67.7	$480.91	42.9	$11.21
450.4	418.1	32.4	7.2	1985	408.9	106.3	69.1	517.10	43.2	11.97
460.5	430.1	30.3	6.6	1986	419.4	105.7	68.2	514.88	42.8	12.03
463.8	437.7	26.2	5.6	1987	429.8	104.3	67.1	499.38	42.0	11.89
468.2	443.9	24.4	5.2	1988	437.7	105.0	67.5	548.14	43.4	12.63
478.6	454.1	24.4	5.1	1989	448.4	105.0	67.5	555.56	42.9	12.95
476.8	451.5	25.4	5.3	1990	452.2	102.6	66.4	565.40	42.1	13.43
				1990						
473.2	444.8	28.4	6.0	February	445.2	101.9	65.7	545.02	41.7	13.07
473.9	447.4	26.4	5.6	March	449.2	102.2	66.0	553.92	41.9	13.22
471.8	447.5	24.3	5.1	April	450.5	102.7	66.6	539.23	41.1	13.12
472.5	447.6	24.9	5.3	May	453.9	103.3	67.1	583.08	43.0	13.56
477.8	452.8	25.0	5.2	June	455.3	104.3	67.8	605.68	43.7	13.86
474.5	452.6	21.9	4.6	July	449.6	103.9	67.0	570.54	42.2	13.52
480.1	458.0	22.1	4.6	August	450.7	103.0	66.3	557.19	41.8	13.33
477.3	455.0	22.3	4.7	September	456.3	103.2	66.9	590.04	43.1	13.69
482.1	454.7	27.4	5.7	October	456.4	102.6	66.8	580.98	42.5	13.67
480.2	455.8	24.4	5.1	November	457.1	101.7	66.1	564.62	41.7	13.54
480.9	456.0	24.9	5.2	December	457.4	101.1	65.5	564.40	41.5	13.60
				1991						
468.4	438.8	29.6	6.3	January	445.6	100.1	64.6	562.51	41.3	13.62
INA	INA	INA	INA	February	444.5	98.6	63.1	549.58	40.8	13.47

INA – Information not available

Dayton–Springfield MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods–Producing Industries	Construction	Manufacturing		Service–Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
397	126	15	111	1980	271	16	17	66	16	82	75
393	123	13	110	1981	270	15	18	64	16	84	74
374	108	10	97	1982	266	14	18	62	16	85	72
372	106	11	96	1983	266	14	18	63	16	85	71
393	116	12	104	1984	277	15	19	67	16	89	71
409	120	13	106	1985	289	14	19	71	17	95	72
419	121	15	106	1986	298	15	19	75	17	100	73
430	121	16	104	1987	309	16	19	78	18	104	74
438	123	17	105	1988	315	17	20	79	18	108	73
448	123	18	105	1989	325	17	20	80	18	114	76
452	119	16	103	1990	333	18	20	82	17	118	77
				1990							
452	121	18	103	February	331	18	20	82	17	118	76
454	121	18	103	March	333	18	20	82	17	118	77
451	120	17	103	April	330	18	20	82	17	117	76
453	120	16	103	May	333	18	20	82	17	118	77
453	120	16	104	June	333	18	20	82	17	118	77
453	120	16	104	July	333	18	20	82	17	118	78
454	119	16	103	August	336	19	20	82	17	119	79
452	118	16	102	September	334	19	20	82	17	119	77
451	118	15	102	October	333	18	20	82	17	119	77
451	117	15	101	November	334	18	20	82	18	119	77
452	117	15	101	December	335	19	20	82	18	120	77
				1991							
452	117	16	101	January	335	19	20	83	18	119	77
451	116	16	100	February	335	19	20	83	18	120	77

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Dayton–Springfield MSA

	Employment (in thousands)			Change[d] (in thousands)	
	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	From Last Month	From Last Year
Total	444.5	445.6	445.2	-1.0	-.6
Goods-Producing Industries[e]	112.2	114.1	117.2	-1.8	-5.0
Construction	13.3	13.6	14.9	-.3	-1.6
Manufacturing	98.6	100.1	101.9	-1.6	-3.4
Durable Goods[f]	69.8	71.0	73.1	-1.2	-3.3
Fabricated Metal Products	7.7	7.8	8.3	-.1	-.6
Industrial Machinery and Equipment	29.4	30.1	30.7	-.7	-1.3
Metalworking Machinery	7.8	8.0	8.4	-.2	-.6
General Industrial Machinery	2.8	2.9	2.9	-.1	-.1
Electronic and Other Electric Equipment	3.4	3.4	3.5	.0	-.1
Transportation Equipment	20.6	21.1	21.5	-.4	-.8
Motor Vehicles and Equipment	17.7	18.1	18.3	-.4	-.6
Nondurable Goods[g]	28.8	29.2	28.9	-.4	-.1
Food and Kindred Products	2.6	2.7	2.5	-.1	.1
Paper and Allied Products	6.4	6.5	6.2	-.1	.2
Printing and Publishing	8.6	8.7	9.0	.0	-.4
Rubber and Miscellaneous Plastics Products	7.5	7.8	7.8	-.4	-.3
Service-Producing Industries	332.3	331.5	327.9	.8	4.4
Transportation and Public Utilities	18.2	18.1	18.0	.2	.2
Transportation	11.7	11.5	11.7	.2	.0
Trucking and Warehousing	5.6	5.5	5.8	.1	-.2
Communications, Electric, Gas Services	6.5	6.5	6.3	.0	.2
Communications	3.4	3.4	3.4	.0	.0
Wholesale Trade	19.7	19.6	20.0	.0	-.3
Wholesale Trade-Durable Goods	13.4	13.4	13.7	.0	-.3
Wholesale Trade-Nondurable Goods	6.3	6.3	6.2	.0	.1
Retail Trade	80.1	81.4	79.0	-1.3	1.2
General Merchandise Stores	12.4	13.0	11.8	-.7	.5
Finance, Insurance, and Real Estate	17.5	17.4	17.0	.1	.4
Finance	9.6	9.5	9.4	.1	.1
Depository Institutions	7.3	7.3	7.2	.0	.2
Insurance	4.6	4.6	4.3	.0	.3
Services	118.9	117.1	116.6	1.8	2.3
Business Services	23.6	23.4	22.5	.2	1.1
Personnel Supply Services	6.7	6.5	6.3	.1	.4
Computer and Data Processing Services	6.0	6.0	5.2	.0	.8
Health Services	39.3	39.3	38.9	.0	.4
Nursing and Personal Care Facilities	6.9	7.0	7.0	.0	.0
Hospitals	19.9	19.9	20.0	.0	-.2
Educational Services	9.6	8.8	9.6	.9	.0
Social Services	6.5	6.4	6.2	.1	.3
Engineering and Management Services	10.4	10.2	10.3	.2	.1
Research and Testing Services	3.1	3.1	3.2	.0	.0
Government	77.9	77.9	77.3	.0	.6
Federal Government	28.1	28.1	29.3	.0	-1.2
State Government	7.4	7.6	7.1	-.2	.3
State Government Education[h]	4.5	4.7	4.2	-.2	.3
Local Government	42.4	42.2	40.9	.3	1.5
Local Government Education	26.7	26.4	25.8	.3	.9

Hours and Earnings of Production or Nonsupervisory Workers[a]

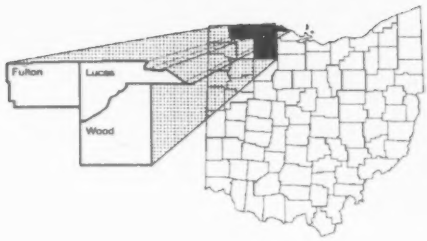
Not Seasonally Adjusted

Dayton–Springfield MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]
Manufacturing	$549.58	$562.51	$545.02	40.8	41.3	41.7	$13.47	$13.62	$13.07
Durable Goods[f]	571.03	587.86	567.17	41.2	41.9	42.2	13.86	14.03	13.44
Fabricated Metal Products	396.50	403.92	410.52	40.5	40.8	41.3	9.79	9.90	9.94
Industrial Machinery and Equipment	612.00	620.33	584.38	42.5	42.9	42.5	14.40	14.46	13.75
Metalworking Machinery	550.92	579.88	580.21	41.8	43.6	44.7	13.18	13.30	12.98
General Industrial Machinery	588.41	574.12	495.36	47.3	46.3	43.0	12.44	12.40	11.52
Electronic and Other Electric Equipment	384.14	383.40	376.94	42.4	42.6	42.4	9.06	9.00	8.89
Transportation Equipment	692.71	718.12	701.56	40.7	41.8	42.7	17.02	17.18	16.43
Motor Vehicles and Equipment	693.73	722.43	709.29	40.1	41.4	42.6	17.30	17.45	16.65
Nondurable Goods[g]	492.33	494.27	479.99	39.8	39.7	40.2	12.37	12.45	11.94
Food and Kindred Products	337.51	335.14	333.38	39.2	38.7	38.1	8.61	8.66	8.75
Paper and Allied Products	477.71	486.64	474.99	40.9	41.7	42.6	11.68	11.67	11.15
Printing and Publishing	449.49	453.12	458.99	37.9	38.4	39.5	11.86	11.80	11.62
Rubber and Miscellaneous Plastics Products	633.16	628.84	598.69	39.4	39.5	38.6	16.07	15.92	15.51
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communications, Electric, Gas Services	603.39	600.92	562.31	41.3	41.3	40.6	14.61	14.55	13.85
Communications	632.85	626.75	554.19	41.8	41.7	39.5	15.14	15.03	14.03
Wholesale Trade	399.91	395.22	395.00	39.4	38.9	39.5	10.15	10.16	10.00
Retail Trade[f]	178.75	177.10	169.91	27.8	27.5	27.9	6.43	6.44	6.09
General Merchandise Stores	192.64	192.24	176.20	28.0	27.7	26.9	6.88	6.94	6.55
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	.....	.....	.....	....	....	....	.....	.....	.....
Depository Institutions	282.33	286.15	273.68	....	....	....	.....	.....	.....
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health Services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	415.68	415.72	405.23	34.1	34.3	34.4	12.19	12.12	11.78

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

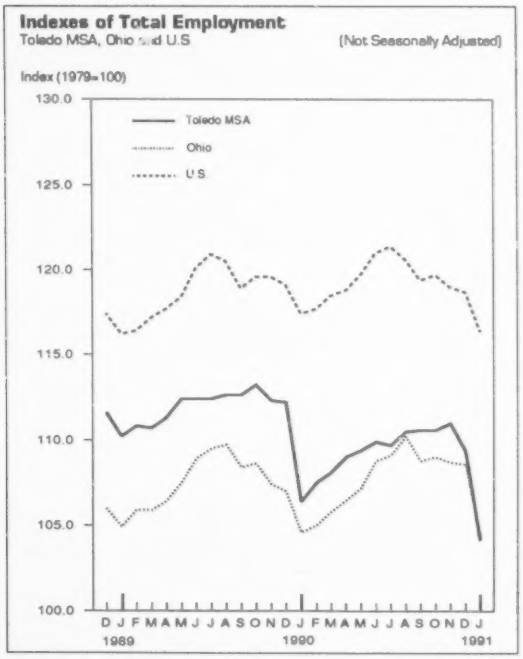
Toledo Metropolitan Statistical Area

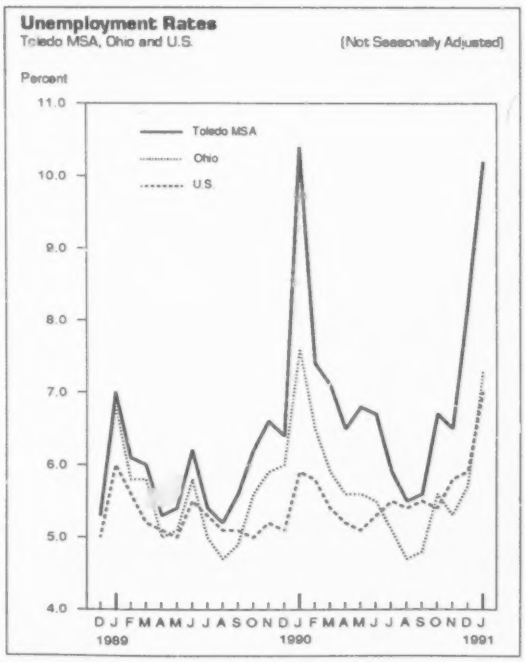


In the Toledo metropolitan area, total nonfarm payroll employment declined 1,900 below the January level to 279,800 in February 1991. Production cutbacks in manufacturing, especially transportation equipment, and modest reductions in construction lowered employment in goods-producing industries 1,300 over the month to 62,800. The number of employees in service-producing industries declined 600 as seasonal layoffs in retail trade more than offset an increase of nonteaching personnel in state schools and colleges. Manufacturing production workers averaged $13.31 per hour, down slightly from January. Their average workweek of 42.3 hours was 0.2 hours shorter.

Nonagricultural wage and salary employment fell 6,100 between February 1990 and February 1991. Employment in goods-producing industries dropped 6,800 due to over-the-year reductions in manufacturing, particularly transportation equipment (-5,300), and moderate declines in construction. The workforce in service-producing industries added 600 jobs during the period. Expansion in services outweighed decreases in local government and retail trade.

Seasonally adjusted employment in the Toledo area totaled 285,000 in February 1991, down 1,000 from January due to a decrease in government. Since February 1990, nonfarm payroll employment declined 6,000. Significant cutbacks in manufacturing negated modest growth in services.





Toledo MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
INA	INA	INA	INA	1980	257.0	66.4	INA	INA	INA	INA
INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA	INA
INA	INA	INA	INA	1982	244.4	60.2	INA	INA	INA	INA
289.2	256.1	33.1	11.4	1983	245.3	59.6	INA	INA	INA	INA
293.5	267.3	26.2	8.9	1984	257.0	64.8	45.7	$502.42	43.2	$11.63
296.5	272.3	24.3	8.2	1985	261.5	65.7	46.2	523.55	42.6	12.29
307.1	281.2	25.8	8.4	1986	272.0	63.4	44.2	527.03	42.4	12.43
307.6	285.1	22.5	7.3	1987	278.0	62.2	43.7	540.60	42.5	12.72
311.0	292.7	18.2	5.9	1988	286.6	62.7	44.9	566.78	43.2	13.12
317.9	299.0	18.9	5.9	1989	291.9	61.5	43.9	576.81	43.5	13.26
313.9	292.1	21.8	6.9	1990	290.7	59.2	42.2	580.13	43.1	13.46
				1990						
310.3	287.3	23.0	7.4	February	286.0	58.9	42.1	551.34	41.8	13.19
310.8	288.8	21.9	7.1	March	288.4	58.9	42.1	588.60	43.6	13.50
311.5	291.2	20.4	6.5	April	291.2	59.7	43.1	581.79	43.0	13.53
313.5	292.2	21.2	6.8	May	294.0	60.0	43.2	589.37	43.4	13.58
314.9	293.7	21.2	6.7	June	293.1	60.7	43.7	585.90	43.4	13.50
311.6	293.1	18.5	5.9	July	288.9	60.4	43.4	576.09	42.8	13.46
312.3	295.2	17.1	5.5	August	288.4	60.4	43.5	584.87	43.1	13.57
312.9	295.4	17.5	5.6	September	294.4	61.1	44.2	610.94	44.4	13.76
316.7	295.4	21.2	6.7	October	294.8	59.5	42.8	585.30	43.1	13.58
317.3	296.6	20.7	6.5	November	295.7	59.5	42.5	595.88	43.4	13.73
318.4	292.3	26.1	8.2	December	291.4	55.2	38.4	573.52	42.8	13.40
				1991						
310.1	278.4	31.7	10.2	January	281.7	53.9	37.2	566.95	42.5	13.34
INA	INA	INA	INA	February	279.8	52.9	36.4	563.01	42.3	13.31

INA – Information not available

Toledo MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods–Producing Industries	Construction	Manufacturing		Service–Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
257	77	10	66	1980	180	16	14	46	9	54	40
254	76	9	66	1981	179	16	14	46	9	55	39
244	68	7	60	1982	177	14	14	44	9	57	38
245	67	7	60	1983	178	14	14	44	9	58	39
257	73	8	65	1984	184	14	15	47	10	59	39
265	74	9	66	1985	190	14	15	50	10	62	40
272	73	9	63	1986	199	14	15	52	11	67	41
278	73	10	62	1987	206	14	15	54	12	70	42
287	74	11	63	1988	213	13	15	57	12	73	42
292	74	12	62	1989	218	14	16	58	12	75	43
291	71	12	59	1990	219	15	15	57	12	77	44
				1990							
291	72	12	59	February	219	15	15	57	12	76	44
292	72	13	59	March	220	15	15	57	12	76	44
291	73	13	60	April	219	15	15	57	12	76	44
292	73	12	60	May	219	15	15	57	12	76	44
293	73	12	61	June	221	15	15	57	12	76	45
292	73	12	61	July	219	15	15	57	12	77	43
292	72	12	60	August	220	14	15	57	12	77	44
292	72	12	60	September	220	15	15	57	12	77	44
290	71	11	59	October	219	15	15	56	12	77	44
291	71	11	59	November	220	15	15	57	12	77	44
286	66	11	55	December	220	15	15	56	12	78	44
				1991							
286	66	11	54	January	220	15	15	56	12	78	44
285	65	11	54	February	220	15	15	56	12	78	43

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Toledo MSA

	Employment (in thousands)			Change[d] (in thousands)	
	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	From Last Month	From Last Year
Total	279.8	281.7	286.0	-1.9	-6.1
Goods-Producing Industries[e]	62.8	64.1	69.6	-1.3	-6.8
Construction	9.7	10.0	10.5	-.3	-.8
Manufacturing	52.9	53.9	58.9	-1.0	-6.0
Durable Goods[f]	38.5	39.2	44.0	-.8	-5.6
Stone, Clay, and Glass Products	7.6	7.6	8.1	.0	-.5
Primary Metal Industries	2.9	3.0	3.1	-.1	-.2
Fabricated Metal Products	6.0	5.8	6.4	.2	-.4
Metal Forgings and Stampings	2.3	2.1	2.6	.2	-.3
Industrial Machinery and Equipment	5.8	5.8	5.6	-.1	.2
Transportation Equipment	8.9	9.8	14.2	-.9	-5.3
Nondurable Goods[g]	14.5	14.7	14.9	-.2	-.4
Food and Kindred Products	3.6	3.7	3.8	-.1	-.2
Rubber and Miscellaneous Plastics Products	3.5	3.6	3.7	-.1	-.2
Service-Producing Industries	217.0	217.6	216.4	-.6	.6
Transportation and Public Utilities	14.2	14.2	14.3	.1	-.1
Transportation	9.4	9.3	9.6	.1	-.1
Communications, Electric, Gas Services	4.8	4.8	4.7	.0	.1
Wholesale Trade	14.9	15.0	15.1	-.1	-.2
Wholesale Trade-Durable Goods	9.7	9.7	9.8	-.1	-.2
Wholesale Trade-Nondurable Goods	5.2	5.3	5.2	-.1	.0
Retail Trade	54.5	55.6	54.9	-1.2	-.4
General Merchandise Stores	8.1	8.8	8.3	-.7	-.2
Finance, Insurance, and Real Estate	11.9	11.9	12.0	-.1	-.1
Finance	6.2	6.2	6.3	.0	-.2
Insurance	3.7	3.7	3.8	.0	-.1
Services	76.5	76.4	74.3	.1	2.2
Business Services	12.3	12.4	12.4	-.1	-.1
Personnel Supply Services	4.4	4.4	4.3	.0	.1
Health Services	28.6	28.6	27.8	.0	.9
Nursing and Personal Care Facilities	4.1	4.1	4.2	.0	.0
Hospitals	15.5	15.5	15.1	-.1	.3
Engineering and Management Services	6.1	6.1	6.0	.0	.1
Government	45.1	44.5	45.8	.6	-.7
Federal Government	2.5	2.5	2.6	.0	-.1
State Government	17.3	16.8	17.4	.5	-.1
State Government Education[h]	13.1	12.6	13.1	.5	.0
Local Government	25.3	25.2	25.8	.1	-.5
Local Government Education	15.0	14.9	15.3	.1	-.2

Hours and Earnings of Production or Nonsupervisory Workers[a]

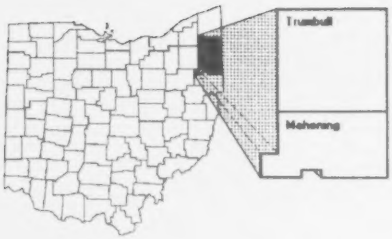
Not Seasonally Adjusted

Toledo MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]
Manufacturing	$563.01	$566.95	$551.34	42.3	42.5	41.8	$13.31	$13.34	$13.19
Durable Goods[f]	562.10	573.40	560.70	42.2	42.6	42.0	13.32	13.46	13.35
Stone, Clay, and Glass Products	535.94	533.82	485.48	42.3	42.0	40.9	12.67	12.71	11.87
Primary Metal Industries	499.47	498.20	459.50	42.4	42.4	40.7	11.78	11.75	11.29
Fabricated Metal Products	490.53	508.56	485.62	41.5	42.7	41.4	11.82	11.91	11.73
Metal Forgings and Stampings	649.63	693.77	632.81	40.2	42.2	40.8	16.16	16.44	15.51
Industrial Machinery and Equipment	488.46	490.14	498.50	41.5	42.0	42.9	11.77	11.67	11.62
Transportation Equipment	743.09	746.85	708.93	41.7	42.1	42.4	17.82	17.74	16.72
Nondurable Goods[g]	564.40	549.48	520.77	42.5	42.3	41.2	13.28	12.99	12.64
Food and Kindred Products	633.36	616.46	611.59	43.5	43.2	43.1	14.56	14.27	14.19
Rubber and Miscellaneous Plastics Products	342.94	346.73	350.64	39.6	39.9	39.8	8.66	8.69	8.81
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communications, Electric, Gas Services	646.57	646.25	733.38	41.5	41.4	44.8	15.58	15.61	16.37
Wholesale Trade	422.50	423.39	413.03	40.2	40.4	40.1	10.51	10.48	10.30
Retail Trade[i]	164.11	167.01	163.08	26.3	26.3	27.0	6.24	6.35	6.04
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	354.54	351.79	373.99	....	....	....	.....	.....	.....

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor- management disputes.

Youngstown-Warren Metropolitan Statistical Area

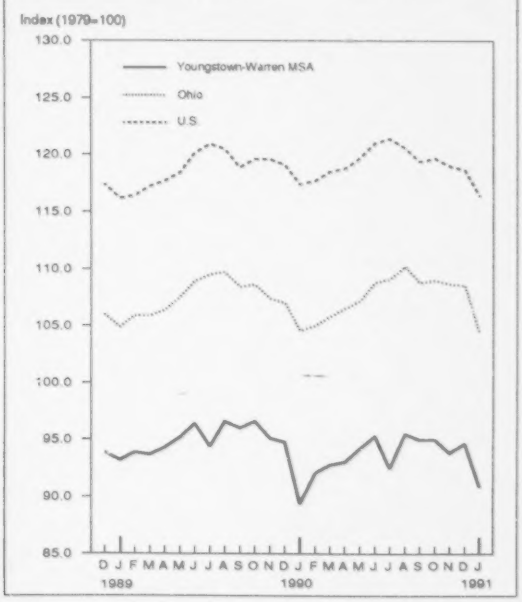


Nonfarm payroll employment in the Youngstown-Warren metropolitan area increased 800 from the January level to 193,500 in February 1991. The return of workers from temporary layoffs in durable-goods manufacturing, especially transportation equipment and primary metal industries, raised employment in goods-producing industries 900 over the month to 54,300. Employment in service-producing industries declined 200 as seasonal decreases in retail trade more than offset an increase of nonteaching personnel in state schools and colleges. Manufacturing production workers averaged $15.40 per hour, up fractionally from January. Their average workweek was 0.7 hours shorter at 41.9 hours.

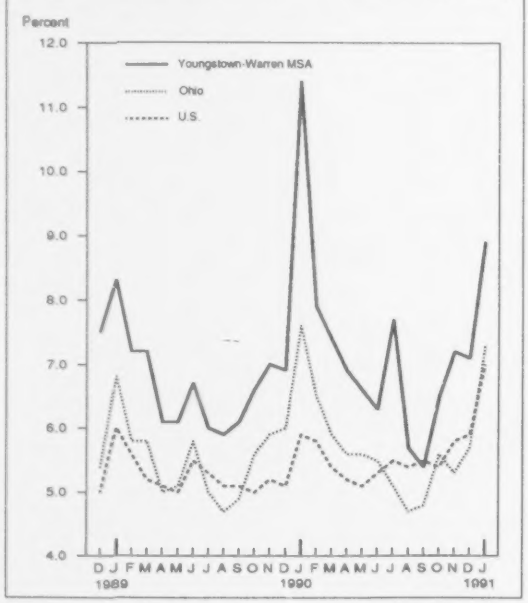
Nonagricultural wage and salary employment declined 900 between February 1990 and February 1991. Over-the-year production cutbacks in durable-goods manufacturing, primarily transportation equipment and primary metal industries, and decreases in construction lowered employment in goods-producing industries 2,000. Expansion in the service-producing sector created 1,000 jobs. Growth in services, wholesale trade, and local government outweighed reductions in transportation and public utilities.

Seasonally adjusted employment in the Youngstown-Warren area totaled 198,000 in February 1991, up 1,000 from January due to the return of employees from temporary layoffs in manufacturing. Since February 1990, nonfarm payroll employment declined 1,000. Scattered decreases negated nominal growth in services.

Indexes of Total Employment
Youngstown-Warren MSA, Ohio and U.S. (Not Seasonally Adjusted)



Unemployment Rates
Youngstown-Warren MSA, Ohio and U.S. (Not Seasonally Adjusted)



Youngstown–Warren MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
238.9	210.5	28.4	11.9	1980	203.1	70.8	54.1	$409.77	39.9	$10.27
234.0	205.7	28.2	12.1	1981	198.7	67.3	50.8	474.10	40.8	11.62
237.0	190.3	46.6	19.7	1982	180.6	52.9	38.1	460.60	39.3	11.72
225.6	188.1	37.5	16.6	1983	177.4	52.8	36.6	521.20	42.1	12.38
222.2	195.9	26.3	11.8	1984	182.5	55.1	41.8	555.97	43.3	12.84
221.3	196.3	25.0	11.3	1985	184.2	52.7	39.6	570.64	43.1	13.24
223.7	200.0	23.7	10.6	1986	187.1	51.7	38.7	553.28	41.6	13.30
221.6	200.0	21.6	9.7	1987	188.3	48.9	36.7	567.91	42.7	13.30
221.3	204.9	16.4	7.4	1988	193.8	50.5	38.5	574.86	42.3	13.59
223.9	209.0	15.0	6.7	1989	197.5	50.0	37.9	599.63	42.8	14.01
221.8	205.9	15.9	7.2	1990	197.7	48.0	35.6	625.98	42.7	14.66
				1990						
219.9	202.5	17.4	7.9	February	194.4	48.9	36.7	591.63	41.9	14.12
220.2	204.0	16.3	7.4	March	196.6	49.0	36.8	596.24	41.9	14.23
219.9	204.7	15.2	6.9	April	197.7	49.2	37.0	602.45	42.1	14.31
221.8	207.2	14.7	6.6	May	201.3	49.8	37.5	628.72	43.3	14.52
223.7	209.6	14.1	6.3	June	202.0	50.5	38.1	636.08	43.3	14.69
220.2	203.3	16.9	7.7	July	193.4	43.9	31.4	604.56	42.1	14.36
222.8	210.0	12.8	5.7	August	198.1	48.7	36.2	605.48	41.7	14.52
220.9	209.0	11.9	5.4	September	200.8	49.4	37.1	682.12	44.7	15.26
223.3	208.8	14.5	6.5	October	201.0	48.9	36.7	664.02	43.4	15.30
222.4	206.4	16.1	7.2	November	198.4	47.0	34.5	659.89	43.3	15.24
224.3	208.3	16.0	7.1	December	200.4	48.2	35.7	641.21	41.8	15.34
				1991						
219.5	199.9	19.6	8.9	January	192.7	46.3	34.0	655.19	42.6	15.38
INA	INA	INA	INA	February	193.5	47.5	35.3	645.26	41.9	15.40

INA – Information not available

Youngstown–Warren MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods–Producing Industries	Construction	Manufacturing		Service–Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
203	78	7	71	1980	125	10	8	37	7	38	26
199	75	6	67	1981	124	9	8	36	7	39	25
181	59	5	53	1982	121	8	8	35	7	39	24
177	58	5	53	1983	119	8	8	34	7	39	24
182	61	6	55	1984	121	8	8	35	7	40	23
184	60	6	53	1985	124	8	9	37	7	41	23
187	59	7	52	1986	128	8	9	37	8	43	24
188	57	7	49	1987	131	8	10	39	8	44	24
194	58	7	51	1988	135	8	10	40	8	45	24
197	58	8	50	1989	139	8	11	42	9	46	24
198	57	8	48	1990	141	7	11	42	8	48	24
				1990							
199	59	9	49	February	140	8	11	42	9	47	24
200	58	9	49	March	141	8	11	42	9	48	24
198	58	8	49	April	141	7	11	42	8	48	24
199	58	8	50	May	141	7	11	42	8	48	25
199	59	8	50	June	141	7	11	42	8	48	24
194	54	8	45	July	141	7	11	42	8	48	24
199	58	8	49	August	141	7	11	42	8	48	24
198	57	8	49	September	141	7	11	42	8	48	24
198	57	8	48	October	142	7	11	42	8	48	25
196	55	8	46	November	141	7	11	42	8	48	24
199	57	8	48	December	142	7	11	42	8	48	24
				1991							
197	55	8	47	January	142	7	11	42	8	48	24
198	56	8	48	February	141	7	11	42	8	48	24

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Youngstown–Warren MSA

	Employment (in thousands)			Change[d] (in thousands)	
	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	From Last Month	From Last Year
Total	193.5	192.7	194.4	.8	-.9
Goods-Producing Industries[e]	54.3	53.4	56.3	.9	-2.0
Construction	6.4	6.7	6.9	-.3	-.5
Manufacturing	47.5	46.3	48.9	1.2	-1.4
Durable Goods[f]	42.3	40.9	43.8	1.4	-1.5
Primary Metal Industries	17.9	17.5	18.4	.4	-.5
Blast Furnace and Basic Steel Products	6.6	6.5	6.4	.1	.2
Fabricated Metal Products	6.9	7.0	6.9	-.1	.0
Metal Forgings and Stampings	3.7	3.9	3.5	-.2	.2
Industrial Machinery and Equipment	4.2	4.2	4.4	.0	-.2
Transportation Equipment	8.7	7.4	9.3	1.2	-.6
Nondurable Goods[g]	5.3	5.4	5.1	-.2	.2
Service-Producing Industries	139.2	139.4	138.2	-.2	1.0
Transportation and Public Utilities	7.0	6.9	7.3	.0	-.4
Wholesale Trade	11.2	11.2	10.8	.0	.4
Wholesale Trade-Durable Goods	6.4	6.4	6.6	.0	-.1
Wholesale Trade-Nondurable Goods	4.8	4.7	4.3	.0	.5
Retail Trade	40.7	41.5	40.6	-.8	.1
General Merchandise Stores	5.3	5.7	5.6	-.4	-.3
Finance, Insurance, and Real Estate	8.3	8.3	8.5	.0	-.2
Finance	4.7	4.7	4.6	.0	.0
Services	47.0	46.8	46.2	.2	.8
Health Services	21.4	21.5	21.1	-.1	.3
Nursing and Personal Care Facilities	5.0	5.0	5.0	.0	.1
Hospitals	10.6	10.7	10.7	-.1	-.1
Government	25.0	24.7	24.7	.3	.3
State Government	4.5	4.0	4.6	.4	-.1
State Government Education[h]	3.0	2.6	3.1	.4	-.1
Local Government	18.5	18.6	18.0	-.1	.4
Local Government Education	11.9	11.9	11.6	.0	.3

Hours and Earnings of Production or Nonsupervisory Workers[a]

Not Seasonally Adjusted

Youngstown–Warren MSA

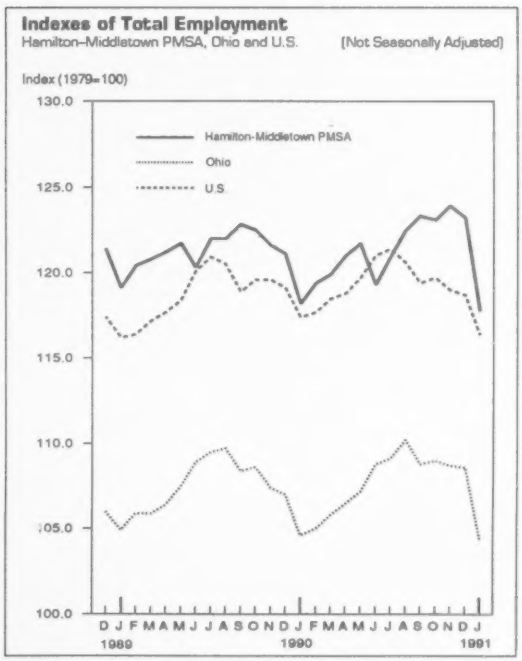
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]
Manufacturing	$645.26	$655.19	$591.63	41.9	42.6	41.9	$15.40	$15.38	$14.12
Durable Goods[f]	664.34	676.67	606.48	42.1	42.8	42.0	15.78	15.81	14.44
Primary Metal Industries	654.72	654.36	641.29	41.1	41.0	41.4	15.93	15.96	15.49
Blast Furnace and Basic Steel Products	690.49	665.93	672.95	47.1	45.8	46.7	14.66	14.54	14.41
Fabricated Metal Products	649.69	638.50	582.77	41.7	41.3	42.6	15.58	15.46	13.68
Metal Forgings and Stampings	802.77	786.04	689.61	43.7	43.0	42.7	18.37	18.28	16.15
Industrial Machinery and Equipment	538.00	543.92	539.57	42.8	43.1	43.2	12.57	12.62	12.49
Transportation Equipment	842.27	942.25	678.78	45.9	50.2	43.4	18.35	18.77	15.64
Nondurable Goods[g]	440.19	441.17	428.45	39.8	40.4	41.0	11.06	10.92	10.45
Wholesale Trade	375.72	378.60	385.67	37.2	37.3	38.8	10.10	10.15	9.94
Retail Trade[i]	179.94	182.09	177.51	27.1	26.7	27.1	6.64	6.82	6.55
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	235.07	231.74	227.34	....	....	....	.....	.....	.....

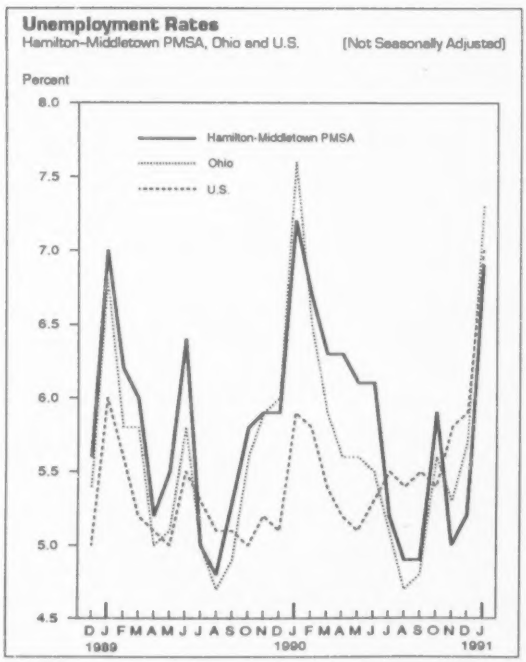
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [g]Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [h]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

Hamilton-Middletown
Primary Metropolitan Statistical Area

Nonagricultural payroll employment in the Hamilton-Middletown metropolitan area totaled 95,000 in February 1991, down 100 from the January level. Reductions among manufacturers of durable goods, especially primary metal industries and fabricated metal products, and declines in construction and mining lowered employment in goods-producing industries 500 to 25,500. The return of nonteaching personnel in state and local schools and colleges outweighed seasonal layoffs in retail trade to raise employment in service-producing industries 400. Manufacturing production workers averaged $14.18 per hour, down 30 cents from January. Their average workweek was 1.9 hours shorter at 43.7 hours.

Total nonfarm wage and salary employment was unchanged between February 1990 and February 1991. The service-producing sector added 1,300 jobs. Noteworthy gains in local schools and services negated decreases in retail trade. Employment in goods-producing industries fell 1,300 due to production cutbacks in manufacturing, particularly primary metal industries and industrial machinery and equipment, and less business in construction and mining.





Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Hamilton–Middletown PMSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Jan. 1991[b]	Dec. 1990[c]	Jan. 1990[c]	From Last Month	From Last Year
Civilian Labor Force	130.1	133.4	130.8	-3.4	-.8
Employment	121.0	126.5	121.4	-5.4	-.3
Unemployment	9.0	7.0	9.5	2.1	-.4
Unemployment Rate	6.9	5.2	7.2		

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Hamilton–Middletown PMSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	From Last Month	From Last Year
Total	95.0	95.1	95.0	-.1	.0
Goods–Producing Industries	25.5	26.0	26.9	-.5	-1.3
Construction and Mining	4.7	4.8	5.3	-.1	-.6
Manufacturing	20.8	21.2	21.5	-.4	-.7
Durable Goods	14.4	14.8	15.1	-.4	-.7
Primary Metal Industries	6.5	6.9	6.7	-.3	-.2
Fabricated Metal Products	2.4	2.4	2.5	-.1	-.1
Industrial Machinery and Equipment	2.3	2.3	2.5	.0	-.2
Nondurable Goods	6.4	6.4	6.4	.0	.0
Paper and Allied Products	4.5	4.5	4.7	.0	-.1
Paper Mills	3.3	3.3	3.4	.0	-.1
Service–Producing Industries	69.5	69.1	68.1	.4	1.3
Transportation and Public Utilities	3.4	3.4	3.4	.0	.0
Wholesale Trade	5.8	5.8	5.8	.0	.0
Wholesale Trade–Durable Goods	3.9	3.9	3.8	.0	.0
Retail Trade	17.2	17.3	17.5	-.2	-.3
Food Stores	3.3	3.4	3.2	.0	.1
Finance, Insurance, and Real Estate	4.5	4.5	4.5	.0	.0
Services	19.2	19.1	18.6	.1	.6
Health Services	9.0	9.0	8.3	.0	.8
Government	19.4	18.9	18.3	.5	1.1
State Government (Includes Education)	7.7	7.3	7.7	.4	.0
Local Government	11.0	10.9	10.0	.1	1.0
Local Government Education	7.6	7.5	6.7	.1	.9

Hours and Earnings of Production or Nonsupervisory Workers[a]

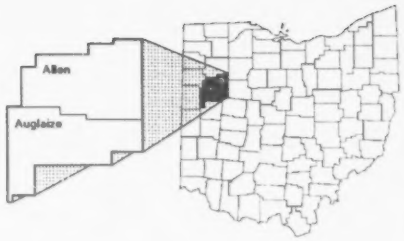
Not Seasonally Adjusted

Hamilton–Middletown PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]
Manufacturing	$619.67	$660.29	$584.73	43.7	45.6	43.8	$14.18	$14.48	$13.35
Durable Goods	624.24	680.24	596.12	43.2	45.9	43.8	14.45	14.82	13.61
Primary Metal Industries	670.21	767.02	648.71	43.1	47.7	44.1	15.55	16.08	14.71
Fabricated Metal Products	554.17	555.97	511.21	42.4	42.8	41.8	13.07	12.99	12.23
Industrial Machinery and Equipment	651.85	624.46	624.96	46.1	44.7	48.0	14.14	13.97	13.02
Nondurable Goods	607.05	604.79	554.12	44.9	44.7	43.7	13.52	13.53	12.68
Paper and Allied Products	644.84	643.03	567.57	47.0	46.8	44.1	13.72	13.74	12.87
Paper Mills	621.50	638.45	574.65	45.2	45.8	43.9	13.75	13.94	13.09
Wholesale Trade	430.94	434.83	456.67	40.2	40.6	42.6	10.72	10.71	10.72
Retail Trade[f]	170.27	172.80	169.68	27.2	27.0	27.5	6.26	6.40	6.17

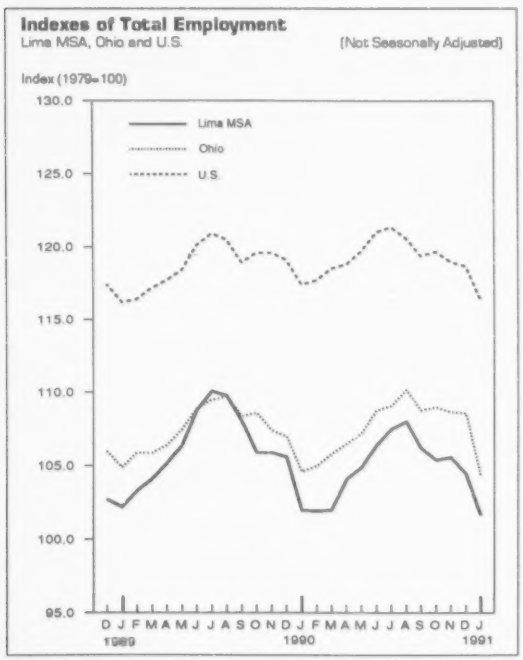
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [f]Money payments only; tips not included.
[l]Depressed due to labor-management disputes.

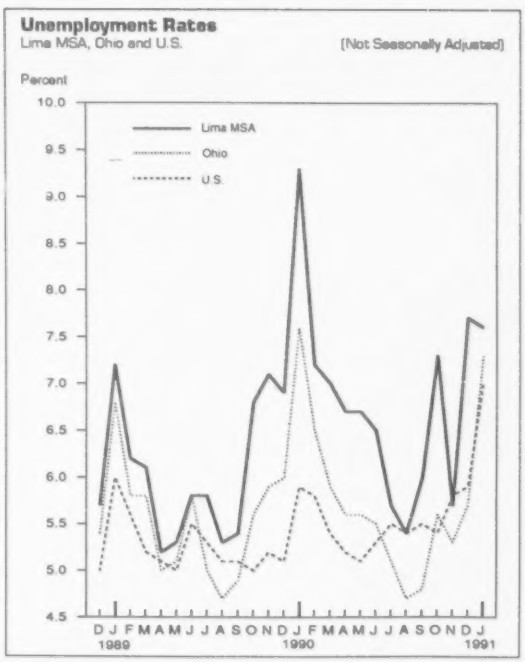
Lima Metropolitan Statistical Area



Nonagricultural payroll employment in the Lima metropolitan area totaled 71,200 in February 1991, down 700 from January. Seasonal decreases in retail trade lowered employment in service-producing industries 400. Employment in goods-producing industries declined 300 over the month to 24,900 due to reductions in manufacturing, especially transportation equipment and rubber and miscellaneous plastics products. Factory production workers averaged $13.71 per hour, up fractionally from January. Their average workweek was 0.7 hours shorter at 41.8 hours.

Nonfarm wage and salary employment advanced 200 between February 1990 and February 1991. Expansion in service-producing industries created 700 jobs. Growth in services and local government outweighed declines in retail trade. Over-the-year losses in construction and mining and in manufacturing lowered employment in goods-producing industries 600. Production cutbacks in transportation equipment and industrial machinery and equipment more than offset gains in fabricated metal products, food and kindred products, and rubber and miscellaneous plastics products.





Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Lima MSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Jan. 1991[b]	Dec. 1990[c]	Jan. 1990[c]	From Last Month	From Last Year
Civilian Labor Force	76.1	78.3	77.7	-2.2	-1.6
Employment	70.3	72.2	70.5	-2.0	-.2
Unemployment	5.8	6.0	7.2	-.2	-1.4
Unemployment Rate	7.6	7.7	9.3		

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Lima MSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	From Last Month	From Last Year
Total	71.2	71.9	71.0	-.7	.2
Goods–Producing Industries	24.9	25.2	25.4	-.3	-.6
Construction and Mining	2.6	2.7	3.0	.0	-.4
Manufacturing	22.3	22.5	22.5	-.3	-.2
Durable Goods	15.7	15.9	16.2	-.2	-.5
Fabricated Metal Products	2.6	2.6	2.4	.0	.2
Industrial Machinery and Equipment	4.0	4.0	4.2	.0	-.2
Transportation Equipment	6.6	6.7	6.9	-.1	-.3
Motor Vehicles and Equipment	3.5	3.5	3.5	-.1	-.1
Nondurable Goods	6.5	6.6	6.2	-.1	.3
Food and Kindred Products	1.8	1.8	1.7	.0	.1
Rubber and Miscellaneous Plastics Products	2.1	2.1	2.0	-.1	.1
Service–Producing Industries	46.3	46.7	45.6	-.4	.7
Transportation and Public Utilities	3.0	3.0	3.0	.0	.0
Wholesale Trade	3.4	3.4	3.4	.0	.0
Retail Trade	12.9	13.3	13.2	-.4	-.2
General Merchandise Stores	2.0	2.2	2.1	-.1	.0
Finance, Insurance, and Real Estate	2.0	2.1	2.0	.0	.0
Services	15.3	15.3	14.6	-.1	.7
Health Services	6.6	6.6	6.3	.0	.3
Hospitals	3.2	3.2	3.1	.0	.1
Government	9.8	9.6	9.5	.2	.3
Local Government	7.4	7.2	7.1	.1	.2
Local Government Education	4.3	4.2	4.1	.1	.2

Hours and Earnings of Production or Nonsupervisory Workers[a]

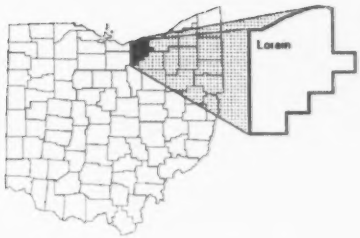
Not Seasonally Adjusted

Lima MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]
Manufacturing	$573.08	$582.25	$559.26	41.8	42.5	42.4	$13.71	$13.70	$13.19
Durable Goods	561.50	574.10	548.98	41.5	42.4	42.1	13.53	13.54	13.04
Fabricated Metal Products	356.59	368.24	369.41	39.1	40.6	41.6	9.12	9.07	8.88
Industrial Machinery and Equipment	471.23	500.76	461.62	39.8	41.8	40.6	11.84	11.98	11.37
Transportation Equipment	698.83	705.14	694.77	42.2	42.3	43.1	16.56	16.67	16.12
Motor Vehicles and Equipment	770.56	778.82	780.23	43.0	43.1	45.1	17.92	18.07	17.30
Nondurable Goods	604.07	602.07	587.95	42.6	42.7	43.2	14.18	14.10	13.61
Food and Kindred Products	390.18	392.46	398.82	42.0	42.2	41.5	9.29	9.30	9.61
Rubber and Miscellaneous Plastics Products	676.70	625.22	618.62	45.6	43.6	46.2	14.84	14.34	13.39
Wholesale Trade	371.33	367.87	371.91	38.4	38.2	38.5	9.67	9.63	9.66
Retail Trade[f]	181.61	180.05	186.58	28.6	28.9	29.9	6.35	6.23	6.24
General Merchandise Stores	170.66	177.47	164.38	26.5	27.6	26.3	6.44	6.43	6.25

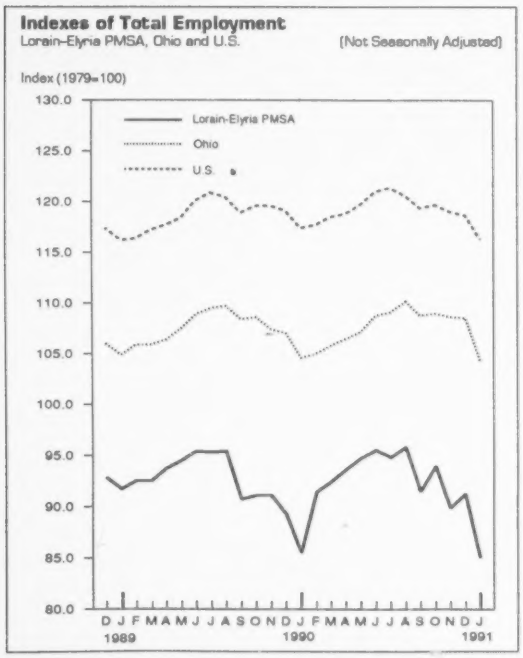
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [f]Money payments only; tips not included.
[l]Depressed due to labor-management disputes.

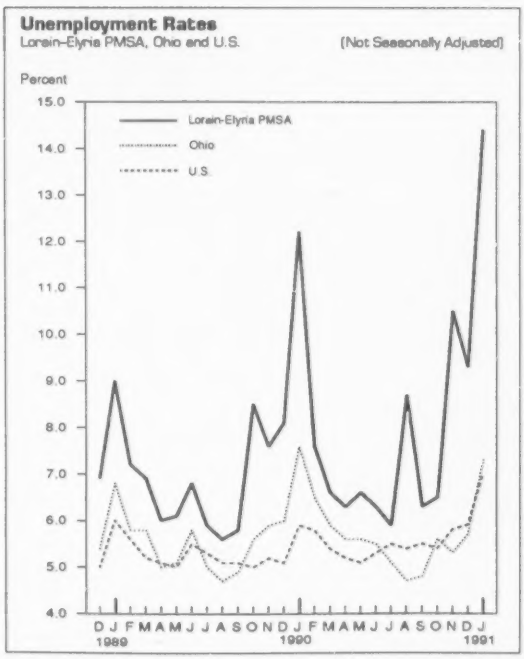
Lorain-Elyria Primary Metropolitan Statistical Area



In the Lorain-Elyria metropolitan area, total nonfarm wage and salary employment rose 2,600 from the January level to 89,500 in February 1991. The return of workers from temporary layoffs in durable-goods manufacturing, primarily transportation equipment, raised employment in goods-producing industries 2,300 to 29,800. The service-producing sector added 300 jobs. Gains in services and an increase of nonteaching personnel in local schools outweighed seasonal decreases in retail trade. Manufacturing production workers averaged $13.08 per hour, up 49 cents from January. Their average workweek of 41.6 hours was 0.8 hours shorter.

Nonagricultural payroll employment fell 2,000 between February 1990 and February 1991. Reduced production in durable-goods manufacturing, especially transportation equipment, and declines in construction and mining lowered employment in goods-producing industries 2,700 below the year-ago level. Employment in service-producing industries advanced 700 due to expansion in local schools and in services, particularly health services.





Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Lorain–Elyria PMSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Jan. 1991[b]	Dec. 1990[c]	Jan. 1990[c]	From Last Month	From Last Year
Civilian Labor Force	118.6	120.0	116.2	-1.4	2.4
Employment	101.5	108.9	102.0	-7.4	-.5
Unemployment	17.1	11.1	14.2	6.0	3.0
Unemployment Rate	14.4	9.3	12.2		

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Lorain–Elyria PMSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	From Last Month	From Last Year
Total	89.5	86.9	91.5	2.6	-2.0
Goods–Producing Industries	29.8	27.5	32.5	2.3	-2.7
Construction and Mining	4.2	4.2	4.5	.0	-.3
Manufacturing	25.6	23.3	28.1	2.3	-2.4
Durable Goods	21.1	18.6	23.6	2.4	-2.5
Primary Metal Industries	4.4	4.4	4.2	.0	.2
Fabricated Metal Products	3.8	3.9	4.1	-.1	-.2
Transportation Equipment	5.2	2.8	8.0	2.5	-2.8
Nondurable Goods	4.6	4.7	4.5	-.1	.1
Service–Producing Industries	59.7	59.4	59.0	.3	.7
Transportation and Public Utilities	3.2	3.2	3.1	.0	.1
Wholesale Trade	2.5	2.5	2.5	.0	.1
Retail Trade	15.8	16.1	15.9	-.3	-.1
Finance, Insurance, and Real Estate	2.9	2.9	3.1	.0	-.1
Services	20.8	20.5	20.6	.3	.2
Health Services	8.4	8.3	8.1	.1	.3
Hospitals	3.9	3.8	3.8	.1	.0
Government	14.4	14.2	13.8	.2	.6
Local Government	12.2	11.9	11.8	.2	.4
Local Government Education	8.0	7.8	7.8	.2	.3

Hours and Earnings of Production or Nonsupervisory Workers[a]

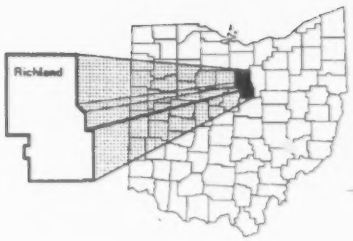
Not Seasonally Adjusted

Lorain–Elyria PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]
Manufacturing	$544.13	$533.82	$564.40	41.6	42.4	42.5	$13.08	$12.59	$13.28
Durable Goods	574.43	569.41	589.78	42.3	43.4	42.8	13.58	13.12	13.78
Primary Metal Industries	716.25	715.77	621.28	48.2	48.2	44.0	14.86	14.85	14.12
Fabricated Metal Products	424.58	425.85	425.72	42.8	42.5	42.7	9.92	10.02	9.97
Transportation Equipment	670.40	706.02	729.93	40.0	41.0	43.5	16.76	17.22	16.78
Nondurable Goods	389.61	385.57	415.93	37.9	38.1	41.1	10.28	10.12	10.12
Wholesale Trade	376.11	366.87	367.30	38.3	37.9	38.3	9.82	9.68	9.59
Retail Trade[f]	165.25	165.38	156.37	25.7	25.6	25.1	6.43	6.46	6.23

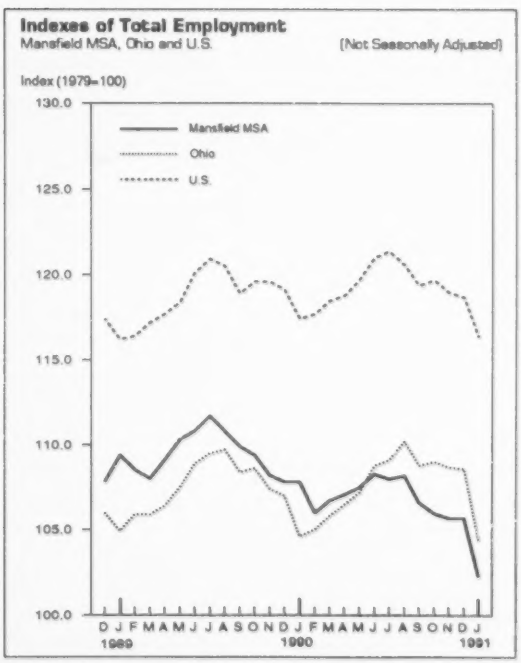
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [f]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

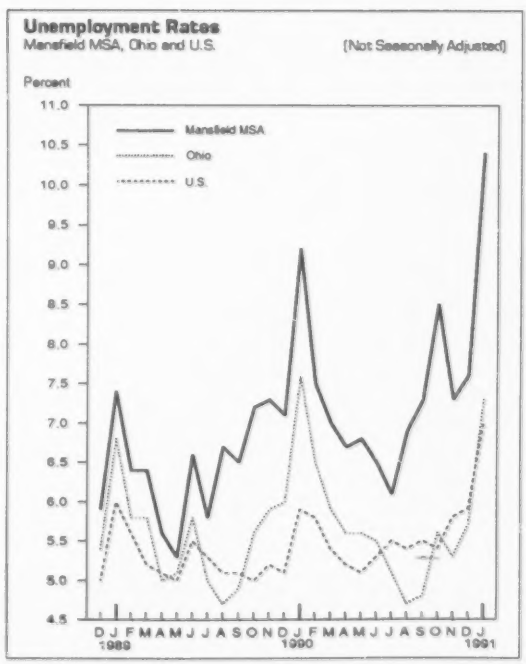
Mansfield Metropolitan Statistical Area



In the Mansfield metropolitan area, nonagricultural payroll employment totaled 56,400 in February 1991, down 300 from the January level. Employment in goods-producing industries, at 18,400, was down 200 over the month due to reductions in durable-goods manufacturing and construction and mining. Seasonal layoffs in retail trade outweighed nominal growth in services and local schools to lower employment in service-producing industries 100. Manufacturing production workers averaged $13.71 per hour, down 15 cents from January. Their average workweek of 39.3 hours was 0.6 hours shorter.

Nonfarm wage and salary employment fell 2,800 between February 1990 and February 1991. Production cutbacks among manufacturers of durable goods, especially electronic and other electric equipment and fabricated metal products, and decreases in construction and mining caused goods-producing industries to lose 2,100 jobs. Declines in retail trade helped lower employment in service-producing industries 700 during the period.





Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Mansfield MSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Jan. 1991[b]	Dec. 1990[c]	Jan. 1990[c]	From Last Month	From Last Year
Civilian Labor Force	64.3	64.4	66.8	-.1	-2.5
Employment	57.6	59.5	60.7	-1.9	-3.0
Unemployment	6.7	4.9	6.2	1.8	.6
Unemployment Rate	10.4	7.6	9.2		

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Mansfield MSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	From Last Month	From Last Year
Total	56.4	56.7	59.1	-.3	-2.8
Goods-Producing Industries	18.4	18.6	20.5	-.2	-2.1
Construction and Mining	1.7	1.8	1.9	-.1	-.2
Manufacturing	16.7	16.8	18.6	-.1	-1.9
Durable Goods	14.7	14.9	16.6	-.2	-1.9
Fabricated Metal Products	5.1	5.1	5.4	.0	-.3
Electronic and Other Electric Equipment	2.4	2.4	3.5	.0	-1.1
Nondurable Goods	2.0	1.9	2.0	.1	.0
Service-Producing Industries	38.0	38.1	38.7	-.1	-.7
Transportation and Public Utilities	2.9	2.9	3.0	.0	-.1
Wholesale Trade	2.2	2.2	2.2	.0	.0
Retail Trade	10.3	10.6	10.8	-.3	-.5
Finance, Insurance, and Real Estate	2.2	2.2	2.3	.0	-.1
Services	12.8	12.7	12.7	.1	.1
Health Services	4.5	4.5	4.3	.0	.2
Government	7.6	7.4	7.6	.1	-.1
Local Government	5.7	5.6	5.8	.1	-.2
Local Government Education	4.1	4.0	4.0	.1	.1

Hours and Earnings of Production or Nonsupervisory Workers[a]

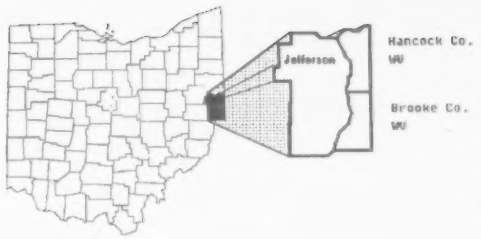
Not Seasonally Adjusted

Mansfield MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]
Manufacturing	$538.80	$553.01	$520.99	39.3	39.9	40.2	$13.71	$13.86	$12.96
Durable Goods	554.96	568.15	534.36	38.7	39.4	39.7	14.34	14.42	13.46
Fabricated Metal Products	689.28	692.62	631.66	38.4	38.5	38.8	17.95	17.99	16.28
Electronic and Other Electric Equipment	427.52	457.71	430.40	40.6	41.8	40.0	10.53	10.95	10.76
Nondurable Goods	400.87	412.43	399.15	44.1	44.3	45.0	9.09	9.31	8.87
Wholesale Trade	331.27	332.03	338.80	40.3	40.1	40.0	8.22	8.28	8.47
Retail Trade[j]	169.07	171.90	161.73	26.5	27.2	26.6	6.38	6.32	6.08

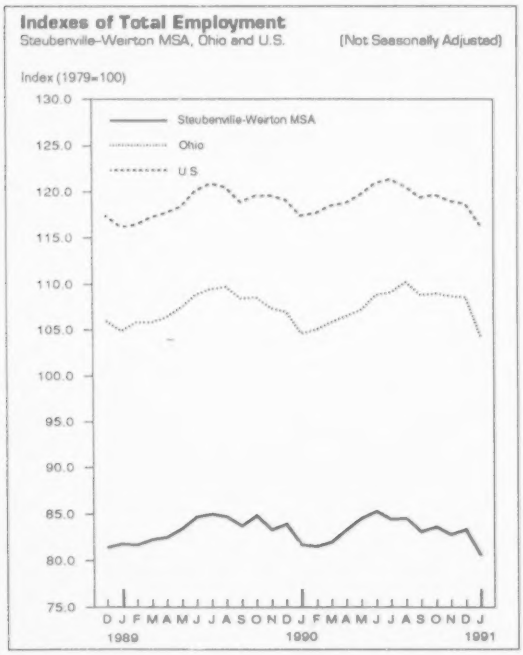
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [j]Money payments only; tips not included.
[l]Depressed due to labor-management disputes.

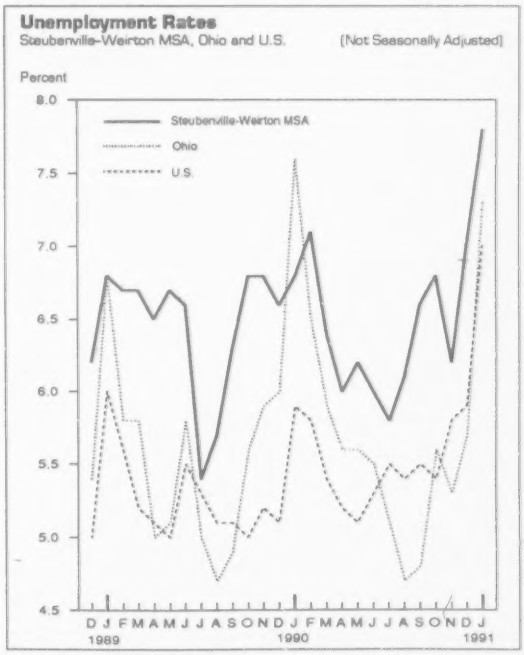
Steubenville-Weirton Metropolitan Statistical Area



Nonfarm wage and salary employment in the Steubenville-Weirton metropolitan area totaled 51,400 in Feb y 1991, up 100 from the January level. Increases in services raised employment in service-producing inc 200. Employment in goods-producing industries declined 100 over the month to 20,200 as less business in construction offset nominal growth in nondurable-goods manufacturing. Factory production workers averaged $11.62 per hour, down 6 cents from January. Their average workweek was 0.5 hours shorter at 43.5 hours.

Nonagricultural payroll employment advanced 500 between February 1990 and February 1991. The service-producing sector added 400 jobs mainly due to growth in services, especially health services. Expansion in construction raised employment in goods-producing industries 100. Manufacturing employment was unchanged over the year. Gains in nondurable-goods manufacturing counterbalanced declines in durable-goods manufacturing, especially primary metal industries.





Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Steubenville–Weirton MSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Jan. 1991[b]	Dec. 1990[c]	Jan. 1990[c]	From Last Month	From Last Year
Civilian Labor Force	55.3	56.6	55.5	-1.4	-.2
Employment	51.0	52.7	51.7	-1.7	-.7
Unemployment	4.3	4.0	3.8	.3	.5
Unemployment Rate	7.8	7.0	6.8		

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Steubenville–Weirton MSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	From Last Month	From Last Year
Total	51.4	51.3	50.9	.1	.5
Goods–Producing Industries	20.2	20.3	20.1	-.1	.1
Mining	.8	.8	.9	.0	.0
Construction	1.8	1.9	1.6	-.1	.2
Manufacturing	17.6	17.6	17.7	.1	.0
Durable Goods	15.9	15.9	16.1	.0	-.2
Primary Metal Industries	12.6	12.6	12.8	.0	-.1
Nondurable Goods	1.8	1.7	1.6	.1	.2
Service–Producing Industries	31.2	31.0	30.8	.2	.4
Transportation and Public Utilities	3.0	3.0	3.1	.0	-.1
Wholesale Trade	1.2	1.2	1.2	.0	.0
Retail Trade	8.5	8.6	8.5	-.1	.0
General Merchandise Stores	1.3	1.4	1.5	-.1	-.2
Finance, Insurance, and Real Estate	1.6	1.6	1.6	.0	.0
Services	10.5	10.3	10.1	.2	.4
Health Services	4.9	4.9	4.7	.0	.2
Hospitals	2.3	2.3	2.4	.0	-.1
Government	6.4	6.3	6.2	.1	.2
Local Government	5.5	5.3	5.4	.1	.1
Local Government Education	3.6	3.5	3.5	.1	.1

Hours and Earnings of Production or Nonsupervisory Workers[a]

Not Seasonally Adjusted

Steubenville–Weirton MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]	Feb. 1991[b]	Jan. 1991[c]	Feb. 1990[c]
Manufacturing	$505.47	$513.92	$495.10	43.5	44.0	42.1	$11.62	$11.68	$11.76
Durable Goods	529.20	535.78	520.22	44.1	44.5	43.1	12.00	12.04	12.07
Primary Metal Industries	562.15	562.15	554.40	44.9	44.9	44.0	12.52	12.52	12.60
Nondurable Goods	257.00	269.35	177.59	37.3	38.7	29.5	6.89	6.96	6.02
Wholesale Trade	332.99	340.85	354.48	39.5	40.1	40.1	8.43	8.50	8.84
Retail Trade[f]	171.67	169.06	159.46	27.6	27.4	26.8	6.22	6.17	5.95

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [f]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force. Estimated number of persons 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence. Civilian labor force data for the metropolitan areas is not available for the current month.

Total Employed. Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed. Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection. Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification. Employer establishments classified by industry on basis of their principal product or service. The *Standard Industrial Classification Manual* (U.S. Office of Management and Budget, Washington, D.C., 1987) used for classification.

Coverage. Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 12,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample and a Measure of Error

Industry Division	Approximate Percentage Covered by Sample	RMSE
Total	41	.3
Goods–Producing Industries	47	.4
Mining	55	2.0
Construction	16	1.7
Manufacturing	53	.3
Service–Producing Industries	38	.2
Transportation and Public Utilities	41	.3
Wholesale Trade	19	.4
Retail Trade	24	.5
Finance, Insurance, and Real Estate	41	.4
Services	29	.3
Government	76	.3

Measure of Error. Reliability of nonagricultural wage and salary employment estimates may be affected by inadequate sample and response errors, industry code changes, or changes in the quality of benchmark data. The measure of reliability reported above is the root-mean-square error (RMSE), based on 36-month average differences in trend between final estimates and benchmark data. This experience indicates that monthly changes in total nonagricultural wage and salary employment estimates can be expected to vary no more than 0.3 percent from the actual change.

Nonagricultural Employment. Persons who worked during or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method. Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data. Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1990 benchmark.

Seasonally Adjusted Estimates

Seasonal Adjustment. To facilitate interpretation of underlying economic trends, selected Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed.

Hours and Earnings

Method of Computing Averages. Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions. Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers. Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers. Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll. Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours. Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Selected Employment Service Activities

	Ohio		
	February 1991	January 1991	February 1990
New Applicants	28,223	32,863	32,318
Applicants Active This Program Year	465,128	437,191	538,621
Counseling Interviews	735	820	809
Tests Administered	1,089	642	1,557
General Aptitude Tests	504	253	208
Proficiency Tests	195	186	234
Specific Aptitude Tests	0	0	319
Referrals to Jobs	14,041	16,941	17,247
Placements	2,432	2,431	2,326
Job Openings Received	INA	INA	6,849
Job Openings Unfilled	20,693	19,043	15,272

INA – Information not available

Selected Unemployment Insurance Activities

	Ohio		
	February 1991	January 1991	February 1990
Initial Claims	102,746	156,248	73,917
Continued Claims	741,409	805,042	560,333
First Payments	52,345	74,302	37,718
Last Payments	6,168	7,176	4,998
Average Weekly Claimants	178,169	167,802	139,243
Average Weekly Benefit Recipients	158,338	135,113	122,943
Weeks Compensated	652,997	653,702	500,176
Benefits Paid	$115,719,774	$113,545,323	$84,308,058
Average Weekly Payment	$180.63	$179.02	$175.31
Continued Claims for Survey Week	188,896	162,920	131,758
Insured Unemployment Rate	3.8	3.6	3.1
Net Contributions	$52,868,976	$19,840,313	$54,816,776
Active Employer Accounts	208,355	207,729	206,606

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